

TSD File Inventory Index

Date: February 14, 2005

Initial: CMK/serao

Facility Name <u>Midwest Generation, LLC (Joliet 9/29/04 Station - Use Folder/Title)</u>			
Facility Identification Number <u>LD000803650</u>			
A.1 General Correspondence		B.2 Permit Docket (B.1.2)	
A.2 Part A / Interim Status		1 Correspondence	
1 Correspondence	Y	2 All Other Permitting Documents (Not Part of the ARA)	
2 Notification and Acknowledgment	Y	C.1 Compliance - (Inspection Reports)	Y
3 Part A Application and Amendments	Y	C.2 Compliance/Enforcement	Y
4 Financial Insurance (Sudden, Non Sudden)		1 Land Disposal Restriction Notifications	
5 Change Under Interim Status Requests		2 Import/Export Notifications	
6 Annual and Biennial Reports		C.3 FOIA Exemptions - Non-Releasable Documents	
A.3 Groundwater Monitoring		D.1 Corrective Action/Facility Assessment	
1 Correspondence		1 RFA Correspondence	
2 Reports		2 Background Reports, Supporting Docs and Studies	
A.4 Closure/Post Closure		3 State Prelim. Investigation Memos	
1 Correspondence		4 RFA Reports	
2 Closure/Post Closure Plans, Certificates, etc		D. 2 Corrective Action/Facility Investigation	
A.5 Ambient Air Monitoring		1 RFI Correspondence	
1 Correspondence		2 RFI Workplan	
2 Reports		3 RFI Program Reports and Oversight	
B.1 Administrative Record		4 RFI Draft /Final Report	

Total -1

5 RFI QAPP		7 Lab data, Soil Sampling/Groundwater	
6 RFI QAPP Correspondence		8 Progress Reports	
7 Lab Data, Soil-Sampling/Groundwater		D.5 Corrective Action/Enforcement	
8 RFI Progress Reports		1 Administrative Record 3008(h) Order	
9 Interim Measures Correspondence		.2 Other Non-AR Documents	
10 Interim Measures Workplan and Reports		D.6 Environmental Indicator Determinations	
D.3 Corrective Action/Remediation Study		.1 Forms/Checklists	
.1 CMS Correspondence		E. Boilers and Industrial Furnaces (BIF)	
.2 Interim Measures		.1 Correspondence	
.3 CMS Workplan		.2 Reports	
.4 CMS Draft/Final Report		F Imagery/Special Studies (Videos, photos, disks, maps, blueprints, drawings, and other special materials.)	
.5 Stabilization		G.1 Risk Assessment	
.6 CMS Progress Reports		.1 Human/Ecological Assessment	
.7 Lab Data, Soil-Sampling/Groundwater		.2 Compliance and Enforcement	
D.4 Corrective Action Remediation Implementation		.3 Enforcement Confidential	
.1 CMI Correspondence		.4 Ecological - Administrative Record	
.2 CMI Workplan		.5 Permitting	
.3 CMI Program Reports and Oversight		.6 Corrective Action Remediation Study	
.4 CMI Draft/Final Reports		.7 Corrective Action/Remediation Implementation	
.5 CMI QAPP		.8 Endangered Species Act	
.6 CMI Correspondence		.9 Environmental Justice	

Note: Transmittal Letter to Be Included with Reports.

Comments: *Documents do not justify individual folder per schedule.*

**A.2 Part A/
Interim Status**



UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION V

111 West Jackson Blvd.
CHICAGO, ILLINOIS 60604

REPLY TO ATTENTION OF:

APR 14 1982

Mr. Arthur Roberts
Station Superintendent
Commonwealth Edison Co.
Joliet General Station
1910 South Briggs Street
Joliet, Illinois 60435

RCRA ACTIVITIES

RE: Interim Status Acknowledgement USEPA ID No. ILD000803650
FACILITY NAME: Commonwealth Edison Co., Joliet General Station

Dear Mr. Roberts:

This is to acknowledge that the U.S. Environmental Protection Agency (USEPA) has completed processing your Part A Hazardous Waste Permit Application. It is the opinion of this office that the information submitted is complete and that you, as an owner or operator of a hazardous waste management facility, have met the requirements of Section 3005(e) of the Resource Conservation and Recovery Act (RCRA) for Interim Status. However, should USEPA obtain information which indicates that your application was incomplete or inaccurate, you may be requested to provide further documentation of your claim for Interim Status. Our opinion will be reevaluated on the basis of this information.

As an owner or operator of a hazardous waste management facility, you are required to comply with the interim status standards as prescribed in 40 CFR Parts 122 and 265, or with State rules and regulations in those States which have been authorized under Section 3006 of RCRA. In addition, you are reminded that operating under interim status does not relieve you from the need to comply with all applicable State and local requirements.

The printout enclosed with this letter identifies the limit(s) of the process design capacities your facility may use during the interim status period. This information was obtained from your Part A Permit application. If you wish to handle new wastes, to change processes, to increase the design capacity of existing processes, or to change ownership or operational control of the facility, you may do so only as provided in 40 CFR Sections 122.22 and 122.23.

As stated in the first paragraph of this letter, you have met the requirements of 40 CFR Part 122.23; your facility may operate under interim status until such time as a permit is issued or denied. This will be preceded by a request from this office or the State (if authorized) for Part B of your application. Please contact Arthur Kawatachi of my staff at (312) 886-7449, if you have any questions concerning this letter or the enclosure.

Sincerely yours,

Karl J. Klepitsch, Jr., Chief
Waste Management Branch

Enclosure

cc: James W. Johnson, Vice President

Handwritten: HLE
4/14/82

FACILITY NAME

EPA ID NUMBER

COMMONWEALTH EDISON CO JOLIET GEN STA

ILD000803650

FACILITY OPERATOR

COMMONWEALTH EDISON CO

FACILITY OWNER

COMMONWEALTH EDISON CO

FACILITY LOCATION

ROUTE 6 AT LARKIN
JOLIET

IL 60435

PROCESS CODE

DESIGN CAPACITY

UNIT OF MEASURE

T04

288000.00000

U

*****KEY*****

PROCESS	PRO- CESS CODE	APPROPRIATE UNITS OF MEASURE	* UNIT OF MEASURE	CODE
STORAGE:				
CONTAINER	S01	G OR L	* GALLONS	G
TANK	S02	G OR L	* LITERS	L
WASTE PILE	S03	Y OR C	* CUBIC YARDS	Y
SURFACE IMPOUNDMENT	S04	G OR L	* CUBIC METERS	C
DISPOSAL:			* GALLONS PER DAY	U
			* LITERS PER DAY	V
			* TONS PER HOUR	D
			* METRIC TONS\HOUR	W
INJECTION WELL	D79	G,L,U, OR V	* GALLONS\HOUR	E
LANDFILL	D80	A OR F	* LITERS\HOUR	H
LAND APPLICATION	D81	B OR Q	* ACRE-Feet	A
OCEAN DISPOSAL	D82	U OR V	* HECTARE-METER	F
SURFACE IMPOUNDMENT	D83	G OR L	* ACRES	B
TREATMENT:			* HECTARES	Q
			* POUNDS\HOUR	J
TANK	T01	U OR V	* KILOGRAMS\HOUR	R
SURFACE IMPOUNDMENT	T02	U OR V	* TONS PER DAY	N
INCINERATOR	T03	D,W,E, OR H	* METRIC TONS\DAY	S
OTHER	T04	J,R,N,S,U,V	*	

duplicate

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

From Approved CDRB No. 205300225 EPA Rev. 3/94/002
GSA No. 20495-EPA-COT

Please refer to Section V, Line-by-Line Instructions for Completing EPA Form 8700-12 before completing this form. The information requested here is required by law (Section 3010 of the Resource Conservation and Recovery Act).



Notification of Regulated Waste Activity

United States Environmental Protection Agency

Date Received
(For Official Use Only)

10-14-99

1970455041

I. Installation's EPA ID Number (Mark 'X' in the appropriate box)

☐

A. Initial Notification

☒

B. Subsequent Notification
(Complete Item C)

C. Installation's EPA ID Number

I L D 0 0 0 8 0 3 6 5 0

II. Name of Installation (Include company and specific site name)

M I D W E S T G E N E R A T I O N , L L C - J O L I E T

#29

III. Location of Installation (Physical address not P.O. Box or Route Number)

Street

1 8 0 0 C H A N N A H O N R O A D

Street (Continued)

City or Town

J O L I E T

State

I L

Zip Code

6 0 4 3 6

County Code

County Name

1 9 7 W I L L

RECEIVED

IV. Installation Mailing Address (See Instructions)

Street or P.O. Box

S A M E

City or Town

State

Zip Code

OCT 14 1999

IEPA/BOL

V. Installation Contact (Person to be contacted regarding waste activities at site)

Name (Last)

(First)

C O R C O R A N

J O N

Job Title

Phone Number (Area Code and Number)

S R E N V H & S

9 4 9 - 7 9 8 - 7 8 9 1

VI. Installation Contact Address (See instructions)

A. Contact Address
Location Mailing

☐☒

B. Street or P.O. Box

1 8 1 0 1 V O N K A R M A N A V E N U E

City or Town

I R V I N E

State

C A

Zip Code

9 2 6 1 2 - 1 0 4 7

VII. Ownership (See Instructions)

A. Name of Installation's Legal Owner

M I D W E S T G E N E R A T I O N , L L C

Street, P.O. Box, or Route Number

O N E F I N A N C I A L P L A C E S U I T E 3 4 1 0

City or Town

C H I C A G O

State

I L

Zip Code

6 0 6 0 5 -

Phone Number (Area Code and Number)

3 1 2 - 5 8 3 - 6 0 0 0

B. Land Type

P

C. Owner Type

P

D. Change of Owner Indicator

Yes

X

No

Date Changed

Month

Day

Year

0 9 3 0 1 9 9 9

ID - For Official Use Only

VIII. Type of Regulated Waste Activity (Mark 'X' in the appropriate boxes. Refer to Instructions)

A. Hazardous Waste Activities

1. Generator (See Instructions)
- ☐ a. Greater than 1000kg/mo (2,200 lbs.)
- ☐ b. 100 to 1000 kg/mo (220-2,200 lbs.)
- ☒ c. Less than 100 kg/mo (220 lbs.)
2. Transporter (Indicate Mode in boxes 1-5 below)
- ☐ a. For own waste only
- ☐ b. For commercial purposes
- Mode of Transportation
- ☐ 1. Air
- ☐ 2. Rail
- ☐ 3. Highway
- ☐ 4. Water
- ☐ 5. Other - specify _____
- ☐ 3. Treater, Storer, Disposer (at installation) Note: A permit is required for this activity, see Instructions.
4. Hazardous Waste Fuel
- ☐ a. Generator Marketing to Burner
- ☐ b. Other Marketers
- ☐ c. Boiler and/or Industrial Furnace
- ☐ 1. Smelter Deferral
- ☐ 2. Small Quantity Exemption
- Indicate Type of Combustion Device(s)
- ☐ 1. Utility Boiler
- ☐ 2. Industrial Boiler
- ☐ 3. Industrial Furnace
- ☐ 5. Underground Injection Control

C. Used Oil Recycling Activities

1. Used Oil Recycling Marketer
- ☐ a. Marketer Directs Shipment of Used Oil to Off-Specification Burner
- ☐ b. Marketer Who First Claims the Used Oil Meets the Specifications
2. Used Oil Burner - Indicate Type(s) of Combustion Device
- ☐ a. Utility Boiler
- ☐ b. Industrial Boiler
- ☐ c. Industrial Furnace
3. Used Oil Transporter - Indicate Type(s) of Combustion Device(s)
- ☐ a. Transporter
- ☐ b. Transfer Facility
4. Used Oil Processor/Re-refiner - Indicate Type(s) of Activity(ies)
- ☐ a. Process
- ☐ b. Re-refine

B. Universal Waste Activity

- ☐ 1. Large Quantity Handler of Universal Waste

IX. Description of Regulated Wastes (Use additional sheets if necessary)

A. Characteristics of Nonlisted Hazardous Wastes. (Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles; See 40 CFR Parts 261.20 - 261.24)

1. Ignitable (D001) ☒ 2. Corrosive (D002) ☒ 3. Reactive (D003) ☐ 4. Toxicity Characteristic (List specific EPA hazardous waste number(s) for the Toxicity characteristic contaminant(s)) ☒
- D 0 0 4 D 0 0 7 D 0 0 8 D 0 1 8

B. Listed Hazardous Wastes. (See 40 CFR 261.31 - 33; See instructions if you need to list more than 12 waste codes.)

1 F 0 0 1	2 F 0 0 2	3 F 0 0 3	4 F 0 0 4	5 F 0 0 5	6
7 	8 	9 	10 	11 	12

C. Other Wastes. (State or other wastes requiring a handler to have an I.D. number; See instructions.)

1 	2 	3 	4 	5 	6
-------	-------	-------	-------	-------	-------

X. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature

Name and Official Title (Type or print)

Date Signed

XI. Comments

Note: Mail completed form to the appropriate EPA Regional or State Office. (See Section III of the booklet for addresses.)



RECEIVED
PLEASE PLACE LABEL IN 7

JAN 25 1985

WMD-RAIU
EPA, REGION V

Changed to
"gr" status
2/1/85
sjh

III LOCATION OF INSTALLATION

FOR OFFICIAL USE ONLY

COMMENTS

[illegible]

DATE RECEIVED
(yr., mo., & day)

S													T/A	C				
F	1LD000803650													1	A			
1	2											13	14	15	16	17	18	

[illegible]

STREET OR P.O. BOX

[illegible]

CITY OR TOWN															ST.		ZIP CODE				
C															I	L	6	0	6	9	0
15	16														40	41	42	43			

STREET OR ROUTE NUMBER

[illegible]

CITY OR TOWN															ST.	ZIP CODE						
C	6	J	O	L	I	E	T									I	L	6	0	6	9	0
	15	16														20	21	22	23			

NAME AND TITLE (last, first, & job title)

[illegible]

A. NAME OF INSTALLATION'S LEGAL OWNER

[illegible]

B. TYPE OF OWNERSHIP
(enter the appropriate letter into box)

F = FEDERAL
M = NON-FEDERAL

M

X A. GENERATION

☐ C. TREAT/STORE/DISPOSE

B. TRANSPORTATION (complete item VII)

☐ D. UNDERGROUND INJECTION

VII. MODE OF TRANSPORTATION (*transporters only - enter "X" in the appropriate box(es)*)

☐ A. AIR

☐ B. RAIL

☐ C. HIGHWAY

☐ D. WATER☐ E. OTHER (specify):

VIII. FIRST OR SUBSEQUENT NOTIFICATION

Mark "X" in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your Installation's EPA I.D. Number in the space provided below.

☐ A. FIRST NOTIFICATION

☒ **B. SUBSEQUENT NOTIFICATION** (complete item C)

C. INSTALLATION'S EPA I.D. NO.

I	L	D	0	0	0	8	0	3	6	5	0
---	---	---	---	---	---	---	---	---	---	---	---

IX. DESCRIPTION OF HAZARDOUS WASTES

Please go to the reverse of this form and provide the requested information.

A. HAZARDOUS WASTES FROM NON-SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from non-specific sources your installation handles. Use additional sheets if necessary.

B. HAZARDOUS WASTES FROM SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific industrial sources your installation handles. Use additional sheets if necessary.

C. COMMERCIAL CHEMICAL PRODUCT HAZARDOUS WASTES. Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

D. LISTED INFECTIOUS WASTES. Enter the four-digit number from 40 CFR Part 261.34 for each listed hazardous waste from hospitals, veterinary hospitals, medical and research laboratories your installation handles. Use additional sheets if necessary.

E. CHARACTERISTICS OF NON-LISTED HAZARDOUS WASTES. Mark "X" in the boxes corresponding to the characteristics of non-listed hazardous wastes your installation handles. (See 40 CFR Parts 261.21 - 261.24.)

- ## X. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Jan. 9, 1985



**ACKNOWLEDGEMENT OF NOTIFICATION
OF HAZARDOUS WASTE ACTIVITY
(VERIFICATION)**

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act (RCRA). Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

EPA I.D. NUMBER

• ILD000803650

REACKNOWLEDGEMENT

COMMONWEALTH EDISON CO JOLIET GEN 7 & 8
PO BOX 767 ROOM 1700E
CHICAGO IL 60690

INSTALLATION ADDRESS

RTE 6 AND LARKIN AVE
JOLIET IL 60433

m 2/1/85

IX. DESCRIPTION OF HAZARDOUS WASTES (continued from front)

A. HAZARDOUS WASTES FROM NON-SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from non-specific sources your installation handles. Use additional sheets if necessary.

1 F001	2 F002	3	4	5	6
7	8	9	10	11	12

B. HAZARDOUS WASTES FROM SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific industrial sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

C. COMMERCIAL CHEMICAL PRODUCT HAZARDOUS WASTES. Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48

D. LISTED INFECTIOUS WASTES. Enter the four-digit number from 40 CFR Part 261.34 for each listed hazardous waste from hospitals, veterinary hospitals, medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54
----	----	----	----	----	----

E. CHARACTERISTICS OF NON-LISTED HAZARDOUS WASTES. Mark "X" in the boxes corresponding to the characteristics of non-listed hazardous wastes your installation handles. (See 40 CFR Parts 261.21 - 261.24.)

☐ 1. IGNITABLE
(D001)

☒ 2. CORROSIVE
(D002)

☐ 3. REACTIVE
(D003)

☐ 4. TOXIC
(D000)

X. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE

JW Johnson

NAME & OFFICIAL TITLE (type or print)

J. W. Johnson
Vice President

DATE SIGNED

JW 8/14/80



ENVIRONMENTAL PROTECTION AGENCY

NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

INSTRUCTIONS: If you received a preprinted label, affix it in the space at left. If any of the information on the label is incorrect, draw a line through it and supply the correct information in the appropriate section below. If the label is complete and correct, leave Items I, II, & III below blank. If you did not receive a pre-printed label, complete all items. "Installation" means a single site where hazardous waste is generated, treated, stored and/or disposed of, or a transporter's principal place of business. Please refer to the INSTRUCTIONS FOR FILING NOTIFICATION before completing this form. The information requested herein is required by law (Section 3010 of the Resource Conservation and Recovery Act).

PLEASE PLACE LABEL IN THIS SPACE

FOR OFFICIAL USE ONLY

COMMENTS

INSTALLATION'S EPA I.D. NUMBER

APPROVED

DATE RECEIVED (yr., mo., & day)

I. NAME OF INSTALLATION

JOLIET GENERATING STATION

II. INSTALLATION MAILING ADDRESS

STREET OR P.O. BOX

3 PO BOX 767, ROOM 1700E

CITY OR TOWN

ST.

ZIP CODE

4 CHICAGO IL 60690

III. LOCATION OF INSTALLATION

STREET OR ROUTE NUMBER

5 RTE 6 AT LARKIN

CITY OR TOWN

ST.

ZIP CODE

6 JOLIET IL 60433

IV. INSTALLATION CONTACT

NAME AND TITLE (last, first, & job title)

PHONE NO. (area code & no.)

2 HEMMINGER THOMAS 312-294-4433

V. OWNERSHIP

A. NAME OF INSTALLATION'S LEGAL OWNER

8 COMMONWEALTH EDISON COMPANY

B. TYPE OF OWNERSHIP (enter the appropriate letter into box)

F = FEDERAL
M = NON-FEDERAL

M

VI. TYPE OF HAZARDOUS WASTE ACTIVITY (enter "X" in the appropriate box(es))

☒ A. GENERATION

☐ B. TRANSPORTATION (complete item VII)

☒ C. TREAT/STORE/DISPOSE

☐ D. UNDERGROUND INJECTION

VII. MODE OF TRANSPORTATION (transporters only - enter "X" in the appropriate box(es))

☐ A. AIR

☐ B. RAIL

☐ C. HIGHWAY

☐ D. WATER

☐ E. OTHER (specify):

VIII. FIRST OR SUBSEQUENT NOTIFICATION

Mark "X" in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your Installation's EPA I.D. Number in the space provided below.

☒ A. FIRST NOTIFICATION

☐ B. SUBSEQUENT NOTIFICATION (complete item C)

C. INSTALLATION'S EPA I.D. NO.

IX. DESCRIPTION OF HAZARDOUS WASTES

Please go to the reverse of this form and provide the requested information.

IX. DESCRIPTION OF HAZARDOUS WASTES (continued from front)

A. HAZARDOUS WASTES FROM NON-SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from non-specific sources your installation handles. Use additional sheets if necessary.

1 F001	2 F002	3	4	5	6
7	8	9	10	11	12

B. HAZARDOUS WASTES FROM SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific industrial sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

C. COMMERCIAL CHEMICAL PRODUCT HAZARDOUS WASTES. Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48

D. LISTED INFECTIOUS WASTES. Enter the four-digit number from 40 CFR Part 261.34 for each listed hazardous waste from hospitals, veterinary hospitals, medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54
----	----	----	----	----	----

E. CHARACTERISTICS OF NON-LISTED HAZARDOUS WASTES. Mark "X" in the boxes corresponding to the characteristics of non-listed hazardous wastes your installation handles. (See 40 CFR Parts 261.21 - 261.24.)

☐ 1. IGNITABLE
(D001)

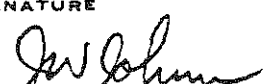
☒ 2. CORROSIVE
(D002)

☐ 3. REACTIVE
(D003)

☐ 4. TOXIC
(D000)

X. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE 	NAME & OFFICIAL TITLE (type or print) J. W. Johnson Vice President	DATE SIGNED 28 8/14/80
--	--	---------------------------



Commonwealth Edison
72 West Adams Street, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

September 10, 1984

Mr. Kenneth P. Bechely
Northern Region Manager
Illinois Environmental Protection Agency
1701 South First Avenue
Maywood, Illinois 60153

U.S. Environmental Protection Agency
Region V, RCRA Activities
230 South Dearborn Street
Chicago, Illinois 60604

RECEIVED

SEP 18 1984

WMD-RAIU
EPA, REGION V

SMALL QUANTITY GENERATOR 9/20/84
sjk

Subject: Commonwealth Edison's Joliet Station 29,
Units 7 and 8 - L19700000 and ILD000803650 G, PA-E
Small Quantity Exemption

Dear Mr. Bechely:

This letter is in response to yours dated September 4, 1984,
which regarded an August 21, 1984 RCRA inspection by the IEPA of the subject
facility.

Commonwealth Edison's Joliet Station 29, Units 7 and 8, is a
small quantity generator and does qualify for the small quantity exemption
as specified in 35 Ill. Adm. Code 721.105. We wish to retain our RCRA
identification number, ILD 0008030650, for use in identifying the facility
on waste manifest forms in the event small quantities of hazardous wastes
are generated by routine maintenance activities. If Commonwealth Edison
were to withdraw our EPA Form 8700-12 Notification of Hazardous Activity,
the Company would most likely be subject to renotification in the near
future with the inception of hazardous waste activity.

If you have any questions, do not hesitate to contact either Mr.
David Rubner (312/294-4455) or Ms. Wendy Mouche (312/294-4438).

Sincerely,

Thomas E. Hemminger
Director of Water Quality

5577E
DPR:TEH:dd



UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION V

111 West Jackson Blvd.
CHICAGO, ILLINOIS 60604

REPLY TO ATTENTION OF:
RCRA ACTIVITIES

JAN 04 1983

James W. Johnson, Vice President
Commonwealth Edison
72 West Adams Street
P.O. Box 767
Chicago, Illinois
60690

RE: Withdrawal of Part A (Exempted Waste)
FACILITY NAME: Commonwealth Edison Company - Joliet Generating
USEPA ID NO.: ILD 000 803 650 Station

Dear Mr. Johnson:

This is to acknowledge that the United States Environmental Protection Agency (USEPA) has completed its review of your Part A Hazardous Waste Permit Application and your letter of December 22, 1981, requesting the withdrawal of your permit application. According to the information which you have submitted, your facility only treats, stores or disposes of waste listed in 40 CFR Part 261.4 (enclosed), which are exempt from regulations at this time.

It is the opinion of this office, based on the information submitted, that your facility is not required to have a hazardous waste permit under Section 3005 of the Resource Conservation and Recovery Act at this time. Please be advised that you still must comply with all applicable State and local requirements.

You will retain your USEPA Identification number if you notified as a generator or transporter of hazardous waste.

Please contact the Technical, Permits and Compliance Section at (312) 353-2197 for assistance if you have any questions. Please refer to "Withdrawal of Part A (Exempted Wastes)," in all telephone contacts and correspondence on this matter.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Karl J. Klepitsch, Jr.", is written over the typed name.

Karl J. Klepitsch, Jr., Chief
Waste Management Branch

Enclosure

cc: Thomas E. Hemminger, Director of Water Quality
Arthur Roberts, Station Superintendent
IEPA



UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION V

111 West Jackson Blvd.
CHICAGO, ILLINOIS 60604

REPLY TO ATTENTION OF:

RCRA ACTIVITIES

16 NOV 1982

Mr. Arthur Roberts, Station Superintendent
Commonwealth Edison, Joliet Generating Station
1910 South Briggs Street
Joliet, Illinois 60435

RE: Withdrawal of Part A (Exempted Waste)
FACILITY NAME: Commonwealth Edison, Joliet Generating Station
USFPA ID NO.: ILD 000 803 650

Dear Mr. Roberts:

This is to acknowledge that the United States Environmental Protection Agency (USEPA) has completed its review of your Part A Hazardous Waste Permit Application and your letter of December 22, 1981, requesting the withdrawal of your permit application. According to the information which you have submitted, your facility only treats, stores or disposes of waste listed in 40 CFR Part 261.4 (enclosed), which are exempt from regulations at this time.

It is the opinion of this office, based on the information submitted, that your facility is not required to have a hazardous waste permit under Section 3005 of the Resource Conservation and Recovery Act at this time. Please be advised that you still must comply with all applicable State and local requirements.

You will retain your USEPA Identification number if you notified as a generator or transporter of hazardous waste.

Please contact the Technical, Permits and Compliance Section at (312) 353-2197 for assistance if you have any questions. Please refer to "Withdrawal of Part A (Exempted Wastes)," in all telephone contacts and correspondence on this matter.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Karl J. Klepitsch, Jr.", written in dark ink.

Karl J. Klepitsch, Jr., Chief
Waste Management Branch

Enclosure

cc: Mr. James W. Johnson, Vice President
IEPA



Commonwealth Edison
72 West Adams Street, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

Fossil Fuel

Exemption

J.S.

(2)

Art

November 4, 1982

CERTIFIED MAIL

Illinois Environmental Protection Agency
Division of Land Pollution Control
1701 South First Avenue, Suite 600
Maywood, Illinois 60153
Attn: Kenneth P. Bechely
Northern Regional Manager

Subject: Joliet Station
USEPA Facility I.D. No. ILD 000803650 G, T S O, P A, I
Request for Removal from Hazardous
Waste Facility List

Dear Mr. Bechely:

Enclosed please find a letter of December 22, 1981, in which we notified U.S. EPA that Commonwealth Edison's Joliet Generating Station is not a hazardous waste treatment, storage, or disposal facility. We are providing you with a copy of this letter because it has come to my attention that you may not have been informed of this facility's status.

Should you have any questions regarding this matter, please call Angela Jankousky of my staff at 312/294-4458.

Sincerely,

Thomas E. Hemminger
Director of Water Quality

0865E
ALJ:TEH:pp
Attachment

cc: USEPA, RCRA Activities, Region V w/att.

RECEIVED

NOV 12 1982

WASTE MANAGEMENT BRANCH
EPA REGION V

RECEIVED
11/16/82



Commonwealth Edison
72 West Adams Street, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

December 22, 1981

RCRA Activities
Region V
P.O. Box A3587
Chicago, Illinois 60690

Subject: Notification of Unnecessary
Permit Application
Joliet Generating Station
EPA Facility I.D. #ILD000803650 *OK PA g TSD*

To Whom it May Concern:

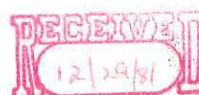
This letter is to inform you that Joliet Generating Station has filed an unnecessary Hazardous Waste Permit Application, Part A of EPA's Consolidated Permit Application. The Company is informing the EPA that a permit application for this facility has been unnecessarily filed in order to eliminate unneeded inspections of facilities which are not subject to the regulations. We are taking this action with the clear understanding that, should the RCRA regulations be modified such that these or other of Commonwealth Edison's facilities are considered to be treatment, storage or disposal facilities prior to the termination of the interim status period, interim status will be available to these facilities in accordance with 40 CFR Section 122.22(a).

This station thermally treats boiler cleaning waste by injecting the waste into the fire side of the boiler along with the coal. Since this process results in the waste being co-treated with flyash and bottom ash, this process is exempt under 40 CFR Section 261.4 according to the letter of January 13, 1981 from Gary N Dietrich, Associate Deputy Assistant Administrator for Solid Waste to Paul Emler, Jr., Chairman of the Utility Solid Waste Activities Group.

RECEIVED

DEC 29 1981

WASTE MANAGEMENT BRANCH
EPA, REGION V



Because this process is exempt, Joliet Generating Station is not a hazardous waste treatment facility; Commonwealth Edison wishes to withdraw its hazardous waste permit application. Should you have any questions, Angela Jankousky will be pleased to answer them at 312/294-4458.

Sincerely,


James W. Johnson
Vice President

1643a
ALJ:JWJ:ds





Commonwealth Edison

72 West Adams Street, Chicago, Illinois

Address Rep. Post Office Box 767

Chicago, Illinois 60690

November 18, 1980

CERTIFIED MAIL

U.S. Environmental Protection
Agency, Region V
RCRA Activities
Post Office Box 7861
Chicago, Illinois 60680

Subject: Application for Hazardous Waste
Permit - Joliet Station

Dear Sirs:

Commonwealth Edison Company hereby submits Forms 1 and 3 of EPA's Consolidated Permit Application - Part A for Joliet Station as required by Section 3005 of the Resource Conservation and Recovery Act.

Please amend Section IX of our notification of hazardous waste activity to include D000 (Toxic).

If there are any questions concerning the information provided, please contact me at 312/294-4433.

Sincerely,

Thomas E. Hemminger
Director of Water Quality

MEW:TEH:ds
Enclosures

U.S. ENVIRONMENTAL PROTECTION AGENCY



GENERAL INFORMATION

Consolidated Permits Program

(Read the "General Instructions" before starting.)

EPA I.D. NUMBER

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

GENERAL INSTRUCTIONS

If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, write through it and enter the correct data in the appropriate fill-in area below. If any of the preprinted data is absent, fill in the space to the left of the label space with the information that should appear. Please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except V-E which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorization under which this data is collected.

PLEASE PLACE LABEL IN THIS SPACE

POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any question, you must submit this form and the supplemental form listed in the parentheses following the question. Mark "X" in the box in the third column. If the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements, see Section C of the instructions. See also, Section D of the instructions for definitions of fixed-facility terms.

SPECIFIC QUESTIONS	MARK "X"			SPECIFIC QUESTIONS	MARK "X"		
	YES	NO	FORM ATTACHED		YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 25)		X		G. Does or will this facility (either existing or proposed) include a powerplant cooling (cooling) operation or waste water production facility which results in a discharge to waters of the U.S.? (FORM 28)		X	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or E above? (FORM 20)	X			H. Is this a proposed facility (other than those described in A or E above) which will result in a discharge to waters of the U.S.? (FORM 20)		X	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 2)	X			F. Do you or will you inject at this facility industrial or municipal effluent below the basement elevation containing within one quarter mile of the well bore underground sources of drinking water? (FORM 4)		X	
I. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 8)		X		J. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 6)		X	
J. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 500 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X		K. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	

III. NAME OF FACILITY

NAME JOLIET GENERATING STATION

IV. FACILITY CONTACT

NAME & TITLE (last, first & middle) ROBERTS ARTHUR STATION SUPT. PHONE (area code & no.) 815 741 9000

V. FACILITY MAILING ADDRESS

STREET OR P.O. BOX 1910 SOUTH BRIGGS STREET
CITY, STATE & ZIP JOLIET IL 60435

VI. FACILITY LOCATION

ROUTE 6 AT LARKIN

WILL

JOLIET IL 60435

CODES (4-digit, in order of priority)

A. FIRST

B. SECOND

4 9 1 1

(specify)

Electrical Generation & Distribution

(specify)

C. THIRD

D. FOURTH

(specify)

(specify)

VIII. OPERATOR INFORMATION

A. NAME

COMMONWEALTH EDISON COMPANY

B. Is the name listed in Item VIII-A also the Owner?

☒ YES ☐ NO

C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other" specify)

F - FEDERAL

M - PUBLIC (other than federal or state)

S - STATE

D - OTHER (specify)

P - PRIVATE

P (specify)

D. PHONE (area code & no.)

3 1 2 2 9 4 4 4 3 3

E. STREET OR P.O. BOX

P O BOX 767 ROOM 1700E

F. CITY OR TOWN

CHICAGO

G. STATE H. ZIP CODE

IL 60690

IX. INDIAN LAND

Is the facility located on Indian land?

☐ YES ☒ NO

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)

IL 000226

B. PSD (Air Emissions from Proposed Sources)

P

C. UIC (Underground Injection of Fluids)

D. OTHER (specify)

(specify)

E. RCRA (Hazardous Waste)

F. OTHER (specify)

(specify)

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)

Generation of Electrical Power and Distribution

A. NAME & OFFICIAL TITLE (type or print)

James W. Johnson
Vice President

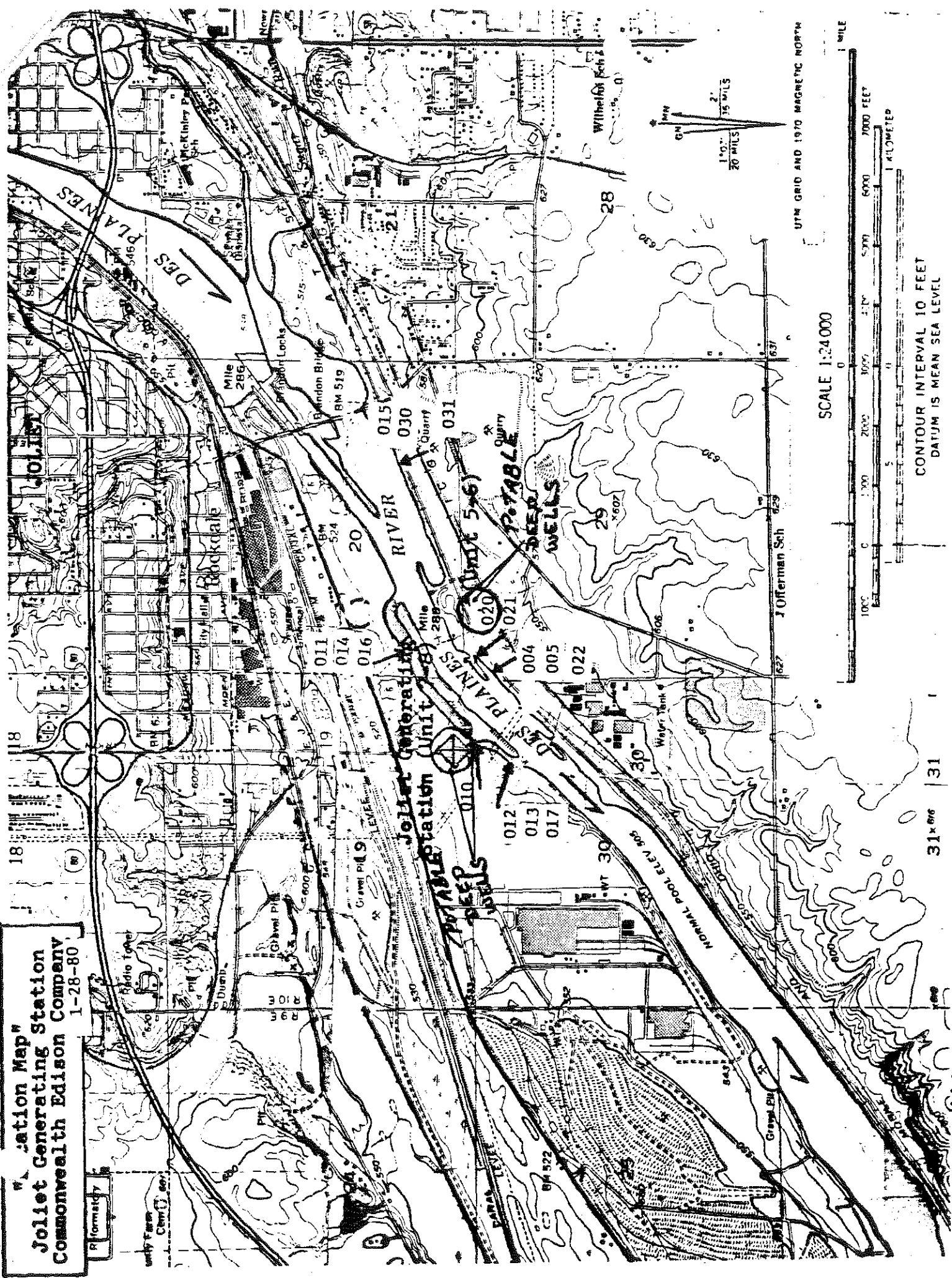
B. SIGNATURE

JW Johnson

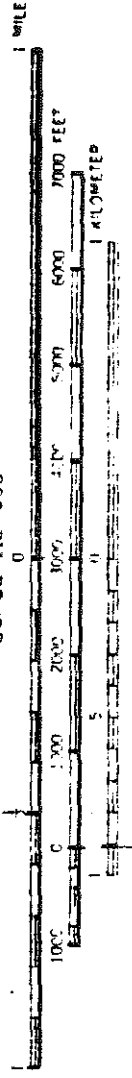
C. DATE SIGNED

11/17/80

Joliet Generating Station
 Commonwealth Edison Company
 1-28-80



SCALE 1:24,000



CONTOUR INTERVAL 10 FEET
 DATUM IS MEAN SEA LEVEL

31x86 31



HAZARDOUS WASTE PERMIT APPLICATION

U.S. ENVIRONMENTAL PROTECTION AGENCY
Consolidated Permits Program
(This information is required under Section 3005 of RCRA.)

I. EPA I.D. NUMBER

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00
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FOR OFFICIAL USE ONLY

APPLICATION APPROVED	DATE RECEIVED (yr., mo., & day)
1	2

COMMENTS

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

A. FIRST APPLICATION (place an "X" below and provide the appropriate date)

☒ 1. EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item below.)

☐ 2. NEW FACILITY (Complete item below.)

FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED (use the boxes to the left)

FOR NEW FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR IS EXPECTED TO BEGIN

B. REVISED APPLICATION (place an "X" below and complete item I above)

☐ 1. FACILITY HAS INTERIM STATUS

☐ 2. FACILITY HAS A RCRA PERMIT

III. PROCESSES - CODES AND DESIGN CAPACITIES

A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).

B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process.

1. AMOUNT - Enter the amount.

2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the unit of measure that are listed below should be used.

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Storage:			Treatment:		
CONTAINER (barrel, drum, etc.)	S01	GALLONS OR LITERS	TANK	T01	GALLONS PER DAY OR LITERS PER DAY
TANK	S02	GALLONS OR LITERS	SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS	INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS			
Disposal:			OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Item III-C.)	T04	GALLONS PER DAY OR LITERS PER DAY
INJECTION WELL	D79	GALLONS OR LITERS			
LANDFILL	D80	ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER			
LAND APPLICATION	D81	ACRES OR HECTARES			
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY			
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS			
UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS	G	LITERS PER DAY	L	ACRE-FEET	A
LITERS	L	TONS PER HOUR	T	HECTARE-METER	H
CUBIC YARDS	Y	METRIC TONS PER HOUR	M	ACRES	B
CUBIC METERS	C	GALLONS PER HOUR	G	HECTARES	R
GALLONS PER DAY	U	LITERS PER HOUR	H		

EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

A. PROCESS CODE (From list above)		B. PROCESS DESIGN CAPACITY		FOR OFFICIAL USE ONLY	
1	2	3	4	5	6
X-1	S 0 2	200	G		
X-2	T 0 3	20	E		
	T 0 4	288,000	U		

SEE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04"). FOR EACH PROCESS ENTERED HERE
INCLUDE DESIGN CAPACITY.

to maintain thermal efficiency and mechanical integrity, it is necessary to periodically chemically clean the internal surfaces of large utility boilers. The frequency varies with boiler type but generally each boiler requires cleaning once every two to three years. The cleaning process involves several hours contact with the cleaning agent at elevated temperatures. The agent most generally used in this company is ammoniated ethylenediaminetetraacetic acid (EDTA). The spent cleaning solvent sometimes contains levels of chromium and lead, making it a hazardous waste. Thermal treatment is the most economical and environmentally acceptable method of treating this waste. The process involves pumping the spent EDTA solution directly from the cleaned boiler and spraying it into the furnace of another boiler. The spent solution typically contains from ten to twenty percent EDTA by weight. The major metals present are iron and copper, usually in concentrations less than one percent by weight. There are smaller amounts of calcium, magnesium, zinc, chromium and lead. The total volume is equal to one boiler volume. The boilers at this facility are cleaned approximately once every five years. The total amount of agent used is about 330,000 gals or an average of 66,000 gal (275 tons) per year.

IV. DESCRIPTION OF HAZARDOUS WASTES

EPA HAZARDOUS WASTE NUMBER — Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

ESTIMATED ANNUAL QUANTITY - For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. UNIT OF MEASURE — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE

●●●●●

METRIC UNIT OF MEASURE

CODE

PQUNES

10

KILOGRAMS

2

不設防

4

METRIC TONS

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

4. If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:

PROCESS CODES: For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in turn III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. **PROCESS DESCRIPTION:** If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER -- Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column B(2) on that line enter "Included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV SHOWN IN THIS PARTIAL A-1, A-2, A-3, AND A-4: Example - A facility with three (3) stages of an incinerator (A1) will be used for incinerating waste from leather tanning and finishing operations. In addition, the facility will treat and dispose of other non-flamed wastes. The waste is non-corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and volatile and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

| UNIT NO. | A. EPA HAZARD WASTE NO. (enter code) | | | | B. ESTIMATED ANNUAL QUANTITY OF WASTE | C. UNIT OF MEASURE (enter code) | D. PROCESSES | |
|----------|--------------------------------------|---|---|---|---------------------------------------|---------------------------------|--------------------------|--|
| | | | | | | | E. PROCESS CODES (enter) | F. PROCESS DESCRIPTION (if code is not entered in D) |
| 1 | K | 0 | 3 | 4 | 900 | P | 103080 | |
| 2 | D | 0 | 0 | 2 | 400 | P | 103080 | |
| 3 | D | 0 | 0 | 1 | 100 | P | 103080 | |
| 4 | D | 0 | 0 | 2 | | | | included with above |

HA I.D. NUMBER (enter from page 1)

FOR OFFICIAL USE ONLY

DUP

DUP

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

| LINE NO. | A. EPA HAZARD. WASTE NO.
(enter code) | B. ESTIMATED ANNUAL QUANTITY OF WASTE | C. UNIT OF MEASURE
(enter code) | D. PROCESSES | |
|----------|--|---------------------------------------|------------------------------------|-----------------------------|--|
| | | | | 1. PROCESS CODES
(enter) | 2. PROCESS DESCRIPTION
(if a code is not entered in D(1)) |
| 1 | D 0 0 7 | 275 | T | T 0 4 | |
| 2 | D 0 0 8 | | T | T 0 4 | Included with above |
| 3 | | | | | |
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DESCRIPTION OF HAZARDOUS WASTES (continued)

USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.

| | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|----|----|----|
| EPA I.D. NO. (enter from page 1) | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| | | | | | | | | | | | 6 |

V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

VI. PHOTOGRAPHS

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

VII. FACILITY GEOGRAPHIC LOCATION

| | | | | | | | | | | | |
|--|----|----|----|----|----|---|----|----|----|----|--|
| LATITUDE (degrees, minutes, & seconds) | | | | | | LONGITUDE (degrees, minutes, & seconds) | | | | | |
| 4 | 1 | 2 | 9 | 4 | 1 | 8 | 8 | 7 | 2 | 5 | |
| 55 | 56 | 57 | 58 | 59 | 01 | 72 | 73 | 74 | 75 | 76 | |

VIII. FACILITY OWNER


☐ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

| | | | | | | | |
|-----------------------------------|--|--|--|--------------------------------|--|-------------|--|
| 1. NAME OF FACILITY'S LEGAL OWNER | | | | 2. PHONE NO. (area code & no.) | | | |
| COMMONWEALTH EDISON COMPANY | | | | 3 1 2 - 2 9 4 - 4 4 3 3 | | | |
| 3. STREET OR P.O. BOX | | | | 4. CITY OR TOWN | | 5. STATE | |
| P.O. BOX 767, ROOM 1700E | | | | CHICAGO | | IL | |
| | | | | | | 6. ZIP CODE | |
| | | | | | | 6 0 6 9 0 | |

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

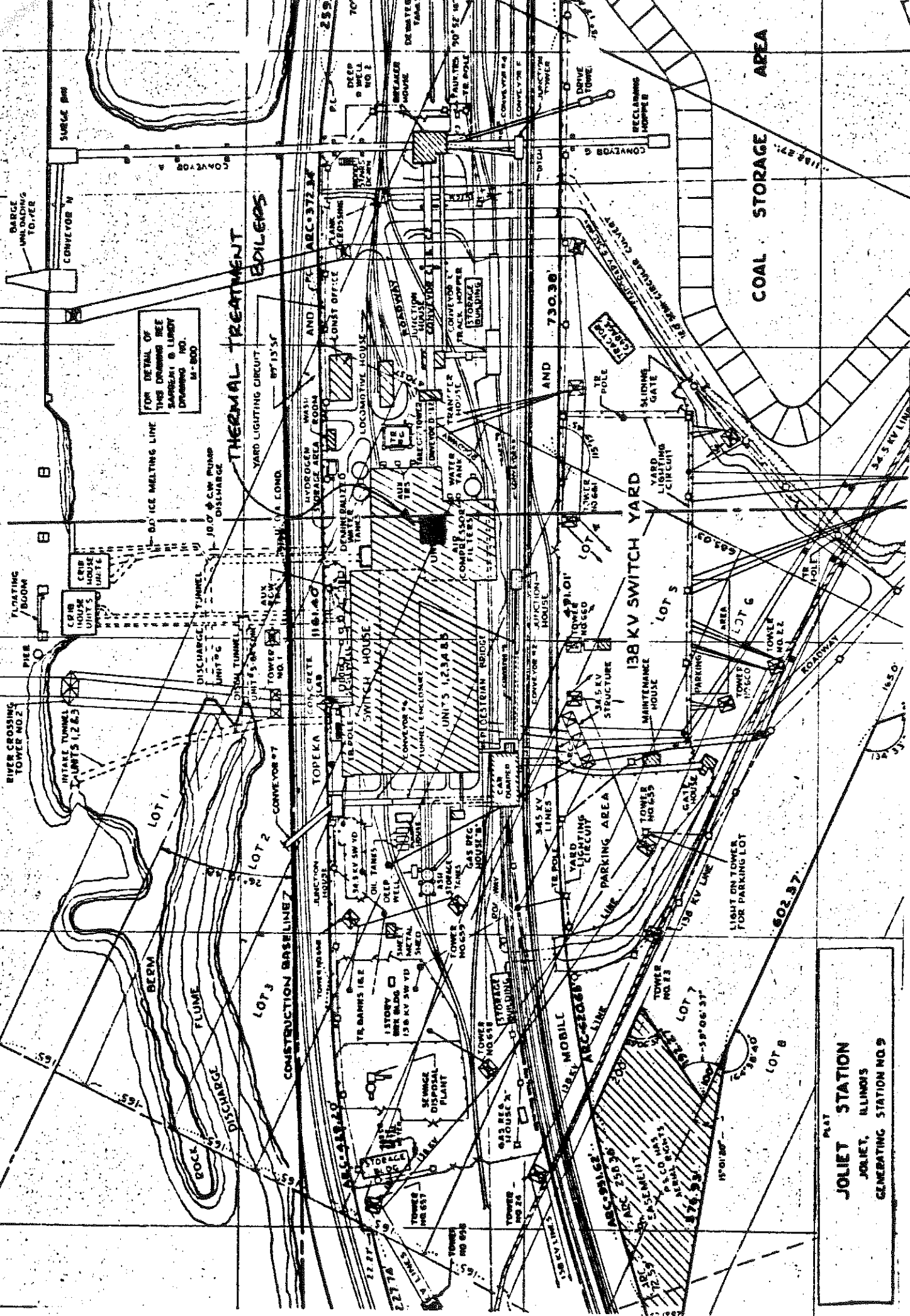
| | | |
|---|--|----------------------------|
| A. NAME (print or type)
James W. Johnson
Vice President | B. SIGNATURE
 | C. DATE SIGNED
11/17/80 |
|---|--|----------------------------|

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

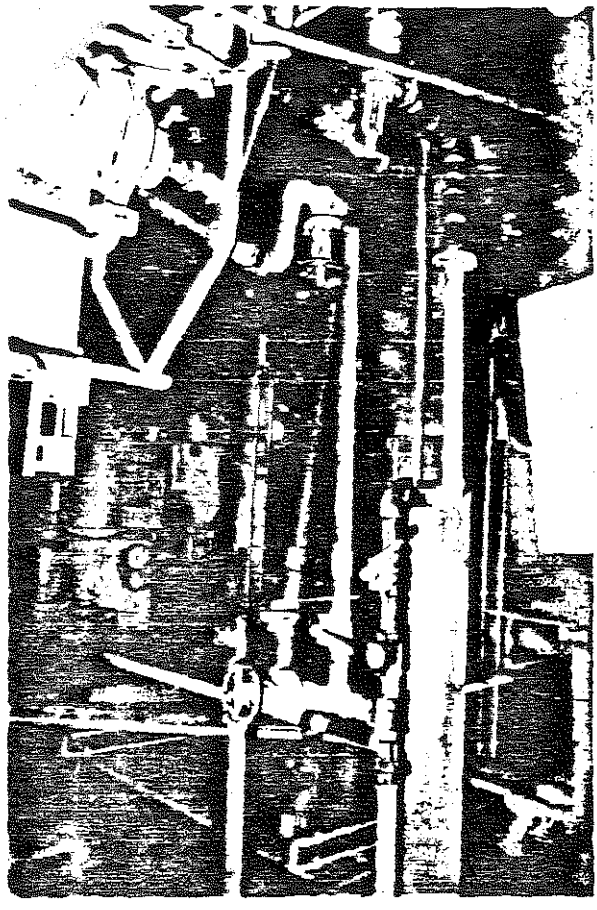
| | | |
|-------------------------|--------------|----------------|
| A. NAME (print or type) | B. SIGNATURE | C. DATE SIGNED |
| | | |

DES PLAINES RIVER



FOR DETAIL OF THIS DRAWING SEE SARGENT & Lundy DRAWING NO. M-800

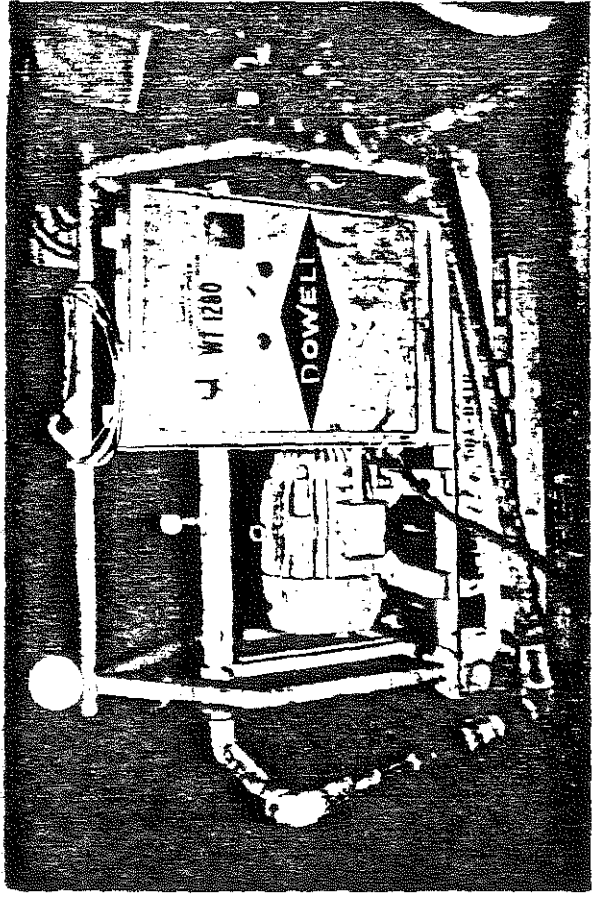
JOLIET STATION
JOLIET, ILLINOIS
GENERATING STATION NO. 9



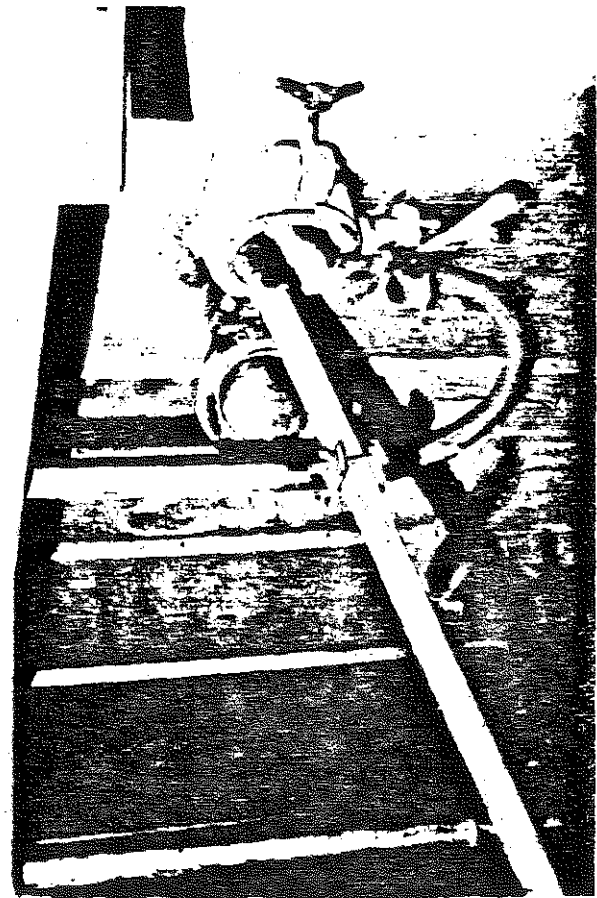
BOILER CLEANING EQUIPMENT
10/27/80



INJECTION POINT
10/27/80



BOILER CLEANING EQUIPMENT
10/27/80



INJECTION POINT
10/27/80

Joliet Generating Station
NPDES Permit No. IL 0002216

Discharges:

- 004 - Contaminated Floor Drains, Roof and Yard
Runoff (Unit 6)
- 005 - Coal Pile and Switchyard Runoff (Unit 6)
- 010 - Condenser Cooling Water (Units 7&8)
- 011 - Sewage Treatment Plant (Units 7&8)
- 012 - Boiler Blowdown (Units 7&8)
- 013 - Demineralizer Regenerative Wastes (Units 7&8)
- 014 - Chemical Treatment System Blowdown (Pyrite
Sluice and Emergency Ash Sluice)
- 016 - Roof Drains (Unit 8) and Floor Drains (Units
7&8)
- 017 - Coal Pile Runoff (Units 7&8) and Roof and
Yard Runoff (Unit 7)
- 020 - Condenser Cooling Water (Unit 6)
- 021 - Demineralizer Regenerative Wastes (Unit 6)
- 022 - Sewage Treatment Plant (Unit 6)
- 030 - Quarry Discharge (Demineralizer Filter Back-
wash and Bottom and Economizer Ash for Units
6, 7 & 8)
- 031 - Boiler Blowdown (Unit 6)

Location:

Latitude 41° 29' 21" North
Longitude 88° 05' 04" West
NW 1/4 of Sec. 29 and SE 1/4 of Sec. 19
Township 35 North
Range 10 East of 3rd Principal Meridian
Will County

Receiving Stream: Des Plaines River

Maps:

USGS topographic maps, 7.5 minute series Joliet,
Illinois; Elmwood, Illinois; Channahon, Illinois;
and Plainfield, Illinois



Commonwealth Edison
72 West Adams Street, Chicago, Illinois
Address Reply Post Office Box 787
Chicago, Illinois 60680

August 15, 1980

CERTIFIED MAIL

USEPA - Region V
RCRA Activities
P.O. Box 7841
Chicago, Illinois 60680

Subject: Notification of Hazardous Waste Activity

Dear Sirs:

Commonwealth Edison Company hereby submits notification of hazardous waste activity for thirteen operating generating stations, three generating stations under construction and the Maywood Technical Center, as required by Section 3010 of the Resource Conservation and Recovery Act (RCRA).

If there are any questions concerning the notification, please contact me at 312/294-4433.

Sincerely,

Thomas E. Hemminger
Director of Water Quality

SKH:TEH:ds
Enclosures (17)

| FORM 1
GENERAL |
ENVIRONMENTAL PROTECTION AGENCY
GENERAL INFORMATION
<i>Consolidated Permits Program</i>
<i>(Read the "General Instructions" before starting.)</i> | I. EPA I.D. NUMBER
<div style="border: 1px solid black; padding: 2px; font-family: monospace; font-size: 1.2em;"> ILD000803650 </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|---------------|--|----------|--------------------|---------------|--|--|-----|----|---------------|-----|----|---------------|--|--|---|--|---|--|---|--|---|---|--|--|---|--|---|--|--|---|--|--|--|--|---|--|--|--|---|--|---|--|---|--|--|--|---|--|--|--|---|--|---|
| II. POLLUTANT CHARACTERISTICS
<div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">SPECIFIC QUESTIONS</th> <th colspan="3">MARK 'X'</th> <th rowspan="2">SPECIFIC QUESTIONS</th> <th colspan="3">MARK 'X'</th> </tr> <tr> <th>YES</th> <th>NO</th> <th>FORM ATTACHED</th> <th>YES</th> <th>NO</th> <th>FORM ATTACHED</th> </tr> </thead> <tbody> <tr> <td>A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)</td> <td></td> <td>X</td> <td></td> <td>B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)</td> <td></td> <td>X</td> <td></td> </tr> <tr> <td>C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)</td> <td>X</td> <td></td> <td></td> <td>D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)</td> <td></td> <td>X</td> <td></td> </tr> <tr> <td>E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)</td> <td>X</td> <td></td> <td></td> <td>F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)</td> <td></td> <td>X</td> <td></td> </tr> <tr> <td>G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)</td> <td></td> <td>X</td> <td></td> <td>H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)</td> <td></td> <td>X</td> <td></td> </tr> <tr> <td>I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)</td> <td></td> <td>X</td> <td></td> <td>J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)</td> <td></td> <td>X</td> <td></td> </tr> </tbody> </table> </div> | | SPECIFIC QUESTIONS | MARK 'X' | | | SPECIFIC QUESTIONS | MARK 'X' | | | YES | NO | FORM ATTACHED | YES | NO | FORM ATTACHED | A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A) | | X | | B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B) | | X | | C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C) | X | | | D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D) | | X | | E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3) | X | | | F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4) | | X | | G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4) | | X | | H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4) | | X | | I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5) | | X | | J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5) | | X | | GENERAL INSTRUCTIONS
<p>If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.</p> |
| SPECIFIC QUESTIONS | MARK 'X' | | | SPECIFIC QUESTIONS | MARK 'X' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | YES | NO | FORM ATTACHED | | YES | NO | FORM ATTACHED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A) | | X | | B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B) | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C) | X | | | D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D) | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3) | X | | | F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4) | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4) | | X | | H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4) | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5) | | X | | J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5) | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | |
|---|----------------------------|---|----------------------------|-------------------------------|--------------|--|--|---------------------|--|
| III. NAME OF FACILITY
<div style="border: 1px solid black; padding: 2px; font-family: monospace;"> 1 JOLIET GENERATING STATION </div> | | | | | | | | | |
| IV. FACILITY CONTACT
<table style="width:100%;"> <tr> <td style="width:60%;">A. NAME & TITLE (last, first, & title)</td> <td style="width:40%;">B. PHONE (area code & no.)</td> </tr> <tr> <td>2 ROBERTS ARTHUR STATION SUPT</td> <td>815 741 9000</td> </tr> </table> | | A. NAME & TITLE (last, first, & title) | B. PHONE (area code & no.) | 2 ROBERTS ARTHUR STATION SUPT | 815 741 9000 | | | | |
| A. NAME & TITLE (last, first, & title) | B. PHONE (area code & no.) | | | | | | | | |
| 2 ROBERTS ARTHUR STATION SUPT | 815 741 9000 | | | | | | | | |
| V. FACILITY MAILING ADDRESS
<table style="width:100%;"> <tr> <td style="width:60%;">A. STREET OR P.O. BOX</td> <td style="width:40%;">B. CITY OR TOWN</td> </tr> <tr> <td>3 1910 SOUTH BRIGGS STREET</td> <td>JOLIET</td> </tr> <tr> <td colspan="2">C. STATE D. ZIP CODE</td> </tr> <tr> <td colspan="2">IL 60435</td> </tr> </table> | | A. STREET OR P.O. BOX | B. CITY OR TOWN | 3 1910 SOUTH BRIGGS STREET | JOLIET | C. STATE D. ZIP CODE | | IL 60435 | |
| A. STREET OR P.O. BOX | B. CITY OR TOWN | | | | | | | | |
| 3 1910 SOUTH BRIGGS STREET | JOLIET | | | | | | | | |
| C. STATE D. ZIP CODE | | | | | | | | | |
| IL 60435 | | | | | | | | | |
| VI. FACILITY LOCATION
<table style="width:100%;"> <tr> <td style="width:60%;">A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER</td> <td style="width:40%;">B. COUNTY NAME</td> </tr> <tr> <td>5 ROUTE 6 AT LARKIN</td> <td>WILL</td> </tr> <tr> <td colspan="2">C. CITY OR TOWN D. STATE E. ZIP CODE F. COUNTY CODE (if known)</td> </tr> <tr> <td colspan="2">JOLIET IL 60435 197</td> </tr> </table> | | A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER | B. COUNTY NAME | 5 ROUTE 6 AT LARKIN | WILL | C. CITY OR TOWN D. STATE E. ZIP CODE F. COUNTY CODE (if known) | | JOLIET IL 60435 197 | |
| A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER | B. COUNTY NAME | | | | | | | | |
| 5 ROUTE 6 AT LARKIN | WILL | | | | | | | | |
| C. CITY OR TOWN D. STATE E. ZIP CODE F. COUNTY CODE (if known) | | | | | | | | | |
| JOLIET IL 60435 197 | | | | | | | | | |

CONTINUED FROM THE FRONT

VII. SIC CODES (4-digit, in order of priority)

| | | | | | | | | | | | | | | | | | | | |
|----------|---|---|---|---|-----------|--------------------------------------|---|--|--|-----------|-----------|--|--|--|--|--|--|--|--|
| A. FIRST | | | | | | | | | | B. SECOND | | | | | | | | | |
| 7 | 4 | 9 | 1 | 1 | (specify) | Electrical Generation & Distribution | 7 | | | | (specify) | | | | | | | | |
| C. THIRD | | | | | | | | | | D. FOURTH | | | | | | | | | |
| 7 | | | | | (specify) | | 7 | | | | (specify) | | | | | | | | |

VIII. OPERATOR INFORMATION

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|
| A. NAME | | | | | | | | | | | | | | | B. Is the name listed in Item VIII-A also the owner? | | | | | | | | | | | |
| 8 | C | O | M | M | O | N | W | E | A | L | T | H | E | D | I | S | O | N | C | O | M | P | A | N | Y | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.) | | | | | | | | | | | | | | | D. PHONE (area code & no.) | | | | | | | | | |
| F = FEDERAL M = PUBLIC (other than federal or state)
S = STATE O = OTHER (specify)
P = PRIVATE | | | | | | | | | | | | | | | 3 1 2 2 9 4 4 4 3 3
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 | | | | | | | | | |

| | | | | | | | | | | | | | | |
|-----------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| E. STREET OR P.O. BOX | | | | | | | | | | | | | | |
| P O B O X 7 6 7 R O O M 1 7 0 0 E | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|----------|--|--|--|--|-------------|--|--|--|--|---|--|--|--|--|
| F. CITY OR TOWN | | | | | | | | | | G. STATE | | | | | H. ZIP CODE | | | | | IX. INDIAN LAND | | | | |
| B C H I C A G O | | | | | | | | | | I L | | | | | 6 0 6 9 0 | | | | | Is the facility located on Indian lands?
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | | | |

X. EXISTING ENVIRONMENTAL PERMITS

| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| A. NPDES (Discharges to Surface Water) | | | | | | | | | | D. PSD (Air Emissions from Proposed Sources) | | | | | | | | | |
| 9 N I L 0 0 0 2 2 6 | | | | | | | | | | 9 P | | | | | | | | | |
| B. UIC (Underground Injection of Fluids) | | | | | | | | | | E. OTHER (specify) | | | | | | | | | |
| 9 U | | | | | | | | | | 9 | | | | | | | | | |
| C. RCRA (Hazardous Wastes) | | | | | | | | | | E. OTHER (specify) | | | | | | | | | |
| 9 R | | | | | | | | | | 9 | | | | | | | | | |

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

F9:A/50

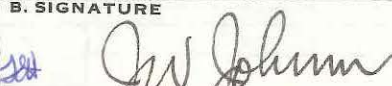
XII. NATURE OF BUSINESS (provide a brief description)

Generation of Electrical Power and Distribution

F9:A/51

XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------|--|--|--|--|--|--|--|--|--|
| A. NAME & OFFICIAL TITLE (type or print) | | | | | | | | | | B. SIGNATURE | | | | | | | | | | C. DATE SIGNED | | | | | | | | | |
| James W. Johnson
Vice President | | | | | | | | | |  | | | | | | | | | | 11/17/80 | | | | | | | | | |

COMMENTS FOR OFFICIAL USE ONLY

| | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | |
|--------------------------|--|--|---------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| FORM
3
RCRA | | ENVIRONMENTAL PROTECTION AGENCY
HAZARDOUS WASTE PERMIT APPLICATION
Consolidated Permits Program
(This information is required under Section 3005 of RCRA.) | I. EPA I.D. NUMBER | | | | | | | | | | | |
| | | | S F I L D 0 0 0 0 8 0 3 6 5 0 3 | | | | | | | | | | | |
| | | | 1 2 13 14 15 | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|-----------------------|--|--|--|--|---------------------------------|--|--|--|--|----------|--|--|--|--|
| FOR OFFICIAL USE ONLY | | | | | | | | | | | | | | |
| APPLICATION APPROVED | | | | | DATE RECEIVED (yr., mo., & day) | | | | | COMMENTS | | | | |
| 23 | | | | | 24 - 29 | | | | | | | | | |

II. FIRST OR REVISED APPLICATION
Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

| | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| A. FIRST APPLICATION (place an "X" below and provide the appropriate date) | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> 1. EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item below.) | | | | | | | | | | | | | | |
| <input type="checkbox"/> 2. NEW FACILITY (Complete item below.) | | | | | | | | | | | | | | |
| FOR NEW FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR IS EXPECTED TO BEGIN | | | | | | | | | | | | | | |
| C YR. MO. DAY | | | | | | | | | | | | | | |
| 0 8 5 9 0 6 1 2 | | | | | | | | | | | | | | |
| 19 73 74 75 76 77 78 | | | | | | | | | | | | | | |
| B. REVISED APPLICATION (place an "X" below and complete Item I above) | | | | | | | | | | | | | | |
| <input type="checkbox"/> 1. FACILITY HAS INTERIM STATUS | | | | | | | | | | | | | | |
| <input type="checkbox"/> 2. FACILITY HAS A RCRA PERMIT | | | | | | | | | | | | | | |

III. PROCESSES - CODES AND DESIGN CAPACITIES

A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).

B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process.
1. AMOUNT - Enter the amount.
2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

| PROCESS | PRO-
CESS
CODE | APPROPRIATE UNITS OF
MEASURE FOR PROCESS
DESIGN CAPACITY | PROCESS | PRO-
CESS
CODE | APPROPRIATE UNITS OF
MEASURE FOR PROCESS
DESIGN CAPACITY |
|--------------------------------|----------------------|--|---|----------------------|--|
| Storage: | | | Treatment: | | |
| CONTAINER (barrel, drum, etc.) | S01 | GALLONS OR LITERS | TANK | T01 | GALLONS PER DAY OR LITERS PER DAY |
| TANK | S02 | GALLONS OR LITERS | SURFACE IMPOUNDMENT | T02 | GALLONS PER DAY OR LITERS PER DAY |
| WASTE PILE | S03 | CUBIC YARDS OR CUBIC METERS | INCINERATOR | T03 | TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR |
| SURFACE IMPOUNDMENT | S04 | GALLONS OR LITERS | OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Item III-C.) | T04 | GALLONS PER DAY OR LITERS PER DAY |
| Disposal: | | | | | |
| INJECTION WELL | D79 | GALLONS OR LITERS | | | |
| LANDFILL | D80 | ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER | | | |
| LAND APPLICATION | D81 | ACRES OR HECTARES | | | |
| OCEAN DISPOSAL | D82 | GALLONS PER DAY OR LITERS PER DAY | | | |
| SURFACE IMPOUNDMENT | D83 | GALLONS OR LITERS | | | |
| UNIT OF MEASURE | UNIT OF MEASURE CODE | UNIT OF MEASURE | UNIT OF MEASURE CODE | UNIT OF MEASURE | UNIT OF MEASURE CODE |
| GALLONS..... | G | LITERS PER DAY..... | V | ACRE-FEET..... | A |
| LITERS..... | L | TONS PER HOUR..... | D | HECTARE-METER..... | F |
| CUBIC YARDS..... | Y | METRIC TONS PER HOUR..... | W | ACRES..... | B |
| CUBIC METERS..... | C | GALLONS PER HOUR..... | E | HECTARES..... | Q |
| GALLONS PER DAY..... | U | LITERS PER HOUR..... | H | | |

EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

| | | | | | | | | | | | | | | |
|---|---|----------------------------|---|--------------------------------|----------------|---|----------------------------|---|--------------------------------|--|--|--|--|--|
| S C DUP T/A C 3 1 | | | | | | | | | | | | | | |
| 1 2 13 14 15 | | | | | | | | | | | | | | |
| LINE
NUMBER | A. PRO-
CESS
CODE
(from list
above) | B. PROCESS DESIGN CAPACITY | | FOR
OFFICIAL
USE
ONLY | LINE
NUMBER | A. PRO-
CESS
CODE
(from list
above) | B. PROCESS DESIGN CAPACITY | | FOR
OFFICIAL
USE
ONLY | | | | | |
| | | 1. AMOUNT
(specify) | 2. UNIT
OF MEAS-
URE
(enter
code) | | | | 1. AMOUNT | 2. UNIT
OF MEAS-
URE
(enter
code) | | | | | | |
| X-1 | S 0 2 | 600 | G | | 5 | | | | | | | | | |
| X-2 | T 0 3 | 20 | E | | 6 | | | | | | | | | |
| 1 | T 0 4 | 288,000 000 | U | | 7 | | | | | | | | | |
| | | | | | 8 | | | | | | | | | |
| 3 | | | | | 9 | | | | | | | | | |
| 4 | | | | | 10 | | | | | | | | | |
| 16 - 18 19 27 28 29 - 32 16 - 18 19 27 28 29 - 32 | | | | | | | | | | | | | | |

III. PROCESSES (continued)

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

To maintain thermal efficiency and mechanical integrity, it is necessary to periodically chemically clean the internal surfaces of large utility boilers. The frequency varies with boiler type but generally each boiler requires cleaning once every two to three years. The cleaning process involves several hours contact with the cleaning agent at elevated temperatures. The agent most generally used in this company is ammoniated ethylenediaminetetraacetic acid (EDTA). The spent cleaning solvent sometimes contains levels of chromium and lead, making it a hazardous waste. Thermal treatment is the most economical and environmentally acceptable method of treating this waste. The process involves pumping the spent EDTA solution directly from the cleaned boiler and spraying it into the furnace of another boiler. The spent solution typically contains from ten to twenty percent EDTA by weight. The major metals present are iron and copper, usually in concentrations less than one percent by weight. There are smaller amounts of calcium, magnesium, zinc, chromium and lead. The total volume is equal to one boiler volume. The boilers at this facility are cleaned approximately once every five years. The total amount of agent used is about 330,000 gals or an average of 66,000 gal (275 tons) per year.

IV. DESCRIPTION OF HAZARDOUS WASTES

A. **EPA HAZARDOUS WASTE NUMBER** — Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

B. **ESTIMATED ANNUAL QUANTITY** — For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. **UNIT OF MEASURE** — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE CODE
POUNDS. P
TONS. T

METRIC UNIT OF MEASURE CODE
KILOGRAMS. K
METRIC TONS. M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES**1. PROCESS CODES:**

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER — Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below) — A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

| LINE NO. | A. EPA HAZ. WASTE NO.
(enter code) | B. ESTIMATED ANNUAL QUANTITY OF WASTE | C. UNIT OF MEASURE
(enter code) | D. PROCESSES | |
|----------|---------------------------------------|---------------------------------------|------------------------------------|-----------------------------|--|
| | | | | 1. PROCESS CODES
(enter) | 2. PROCESS DESCRIPTION
(if a code is not entered in D(1)) |
| X-1 | K 0 5 4 | 900 | P | T 0 3 D 8 0 | |
| X-2 | D 0 0 2 | 400 | P | T 0 3 D 8 0 | |
| X-3 | D 0 0 1 | 100 | P | T 0 3 D 8 0 | |
| X-4 | D 0 0 2 | | | | included with above |

NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

Form Approved OMB No. 158-S80004

EPA Form 3510-3 (6-80)

CONTINUE ON REVERSE

(enter "A", "B", "C", etc. behind the "3" to identify photocopied pages)

IV. DESCRIPTION OF HAZARDOUS WASTE (continued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.

EPA I.D. NO. (enter from page 1)

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|
| S | F | I | L | D | 0 | 0 | 0 | 8 | 0 | 3 | 6 | 5 | 0 | 3 | 6 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |

V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail). FL:B/55

VI. PHOTOGRAPHS

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail). FL:B/56

VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, & seconds)

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 4 | 1 | 2 | 9 | - | 4 | 1 | 41 | 0 |
| 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 |

LONGITUDE (degrees, minutes, & seconds)

| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|
| 0 | 8 | 8 | 0 | 7 | - | 2 | 5 | 25 | 0 |
| 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 |

VIII. FACILITY OWNER

☐ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER

2. PHONE NO. (area code & no.)

COMMONWEALTH EDISON COMPANY

312-294-4433

3. STREET OR P.O. BOX

4. CITY OR TOWN

5. ST.

6. ZIP CODE

P.O. BOX 767, ROOM 1700E

CHICAGO

IL 60690

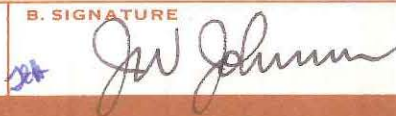
IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

B. SIGNATURE

C. DATE SIGNED

James W. Johnson
Vice President


11/17/80

X. OPERATOR CERTIFICATION

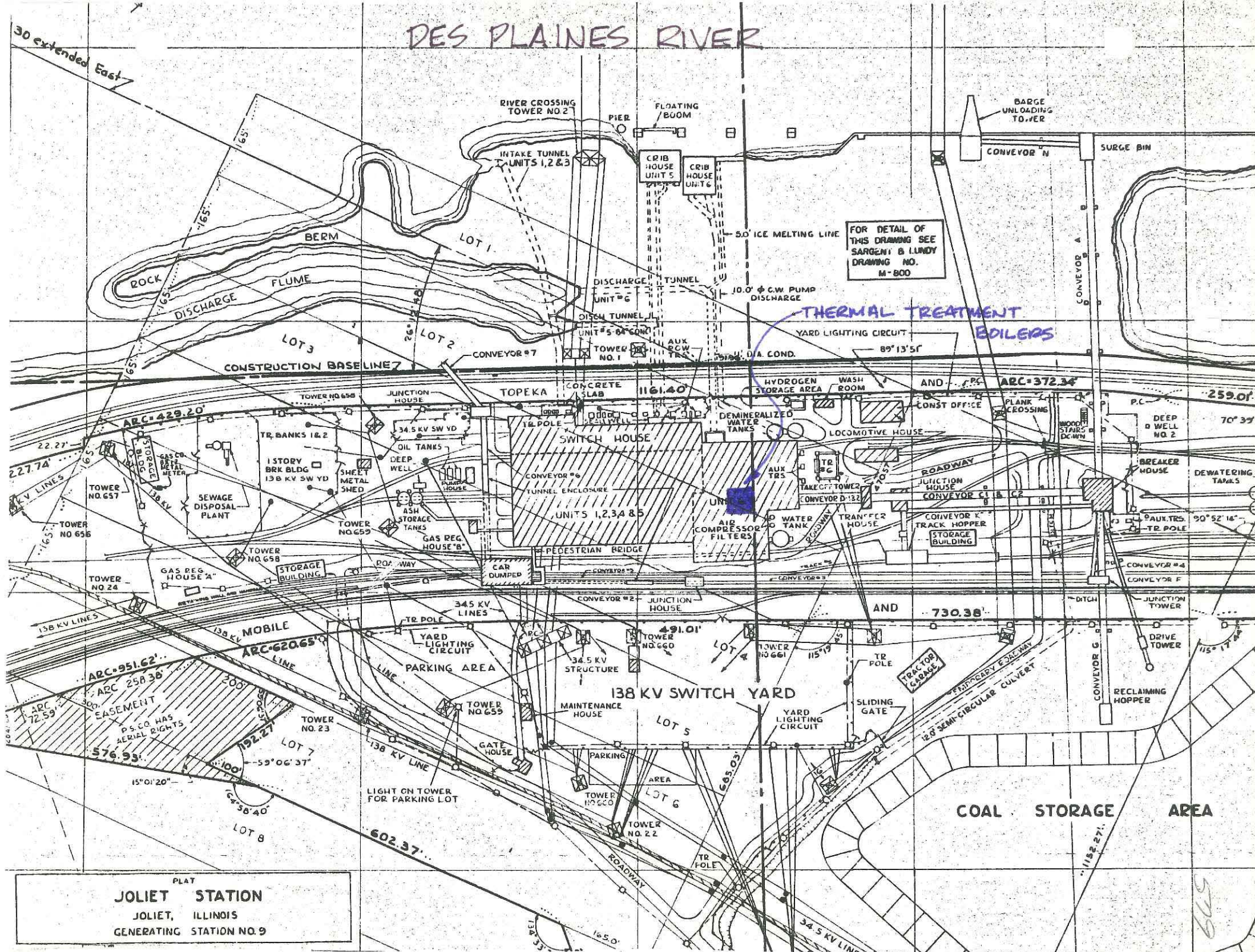
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

B. SIGNATURE

C. DATE SIGNED

DES PLAINES RIVER



JOLIET STATION
JOLIET, ILLINOIS
GENERATING STATION NO. 9



Commonwealth Edison
72 West Adams Street, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

579

November 18, 1980

CERTIFIED MAIL

U.S. Environmental Protection
Agency, Region V
RCRA Activities
Post Office Box 7861
Chicago, Illinois 60680

Subject: Application for Hazardous Waste
Permit - Joliet Station

Dear Sirs:

Commonwealth Edison Company hereby submits Forms 1 and 3 of EPA's Consolidated Permit Application - Part A for Joliet Station as required by Section 3005 of the Resource Conservation and Recovery Act.

Please amend Section IX of our notification of hazardous waste activity to include D000 (Toxic).

If there are any questions concerning the information provided, please contact me at 312/294-4433.

Sincerely,

Thomas E. Hemminger
Director of Water Quality

MEW:TEH:ds
Enclosures

Discharges:

- ~~004~~ - Contaminated Floor Drains, Roof and Yard
Runoff (Unit 6)
- ~~005~~ - Coal Pile and Switchyard Runoff (Unit 6)
- ~~010~~ - Condenser Cooling Water (Units 7&8)
- ~~011~~ - Sewage Treatment Plant (Units 7&8)
- ~~012~~ - Boiler Blowdown (Units 7&8)
- ~~013~~ - Demineralizer Regenerative Wastes (Units 7&8)
- ~~014~~ - Chemical Treatment System Blowdown (Pyrite
Sluice and Emergency Ash Sluice)
- ~~016~~ - Roof Drains (Unit 8) and Floor Drains (Units
7&8)
- ~~017~~ - Coal Pile Runoff (Units 7&8) and Roof and
Yard Runoff (Unit 7)
- ~~020~~ - Condenser Cooling Water (Unit 6)
- ~~021~~ - Demineralizer Regenerative Wastes (Unit 6)
- ~~022~~ - Sewage Treatment Plant (Unit 6)
- ~~030~~ - Quarry Discharge (Demineralizer Filter Back-
wash and Bottom and Economizer Ash for Units
6, 7 & 8)
- ~~031~~ - Boiler Blowdown (Unit 6)

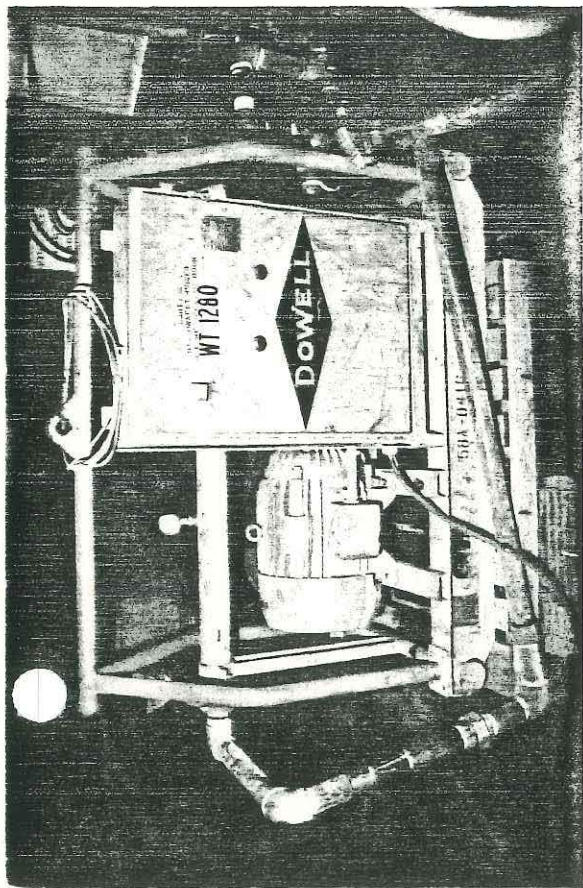
Location:

Latitude 41° 29' 21" North
Longitude 88° ~~05'~~ ~~04"~~ West
NW 1/4 of Sec. 29 and SE 1/4 of Sec. 19
Township 35 North
Range ~~10~~ East of 3rd Principal Meridian
Will County

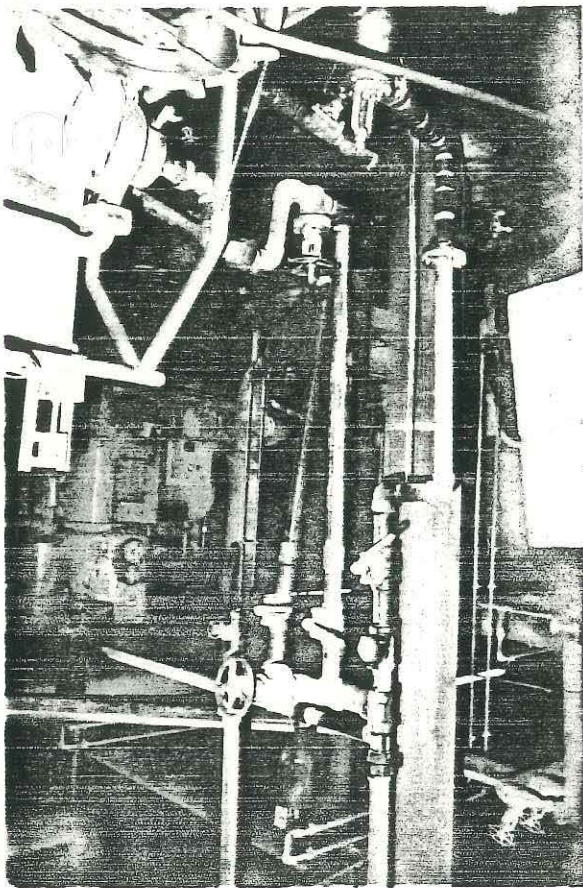
Receiving Stream: Des Plaines River

Maps:

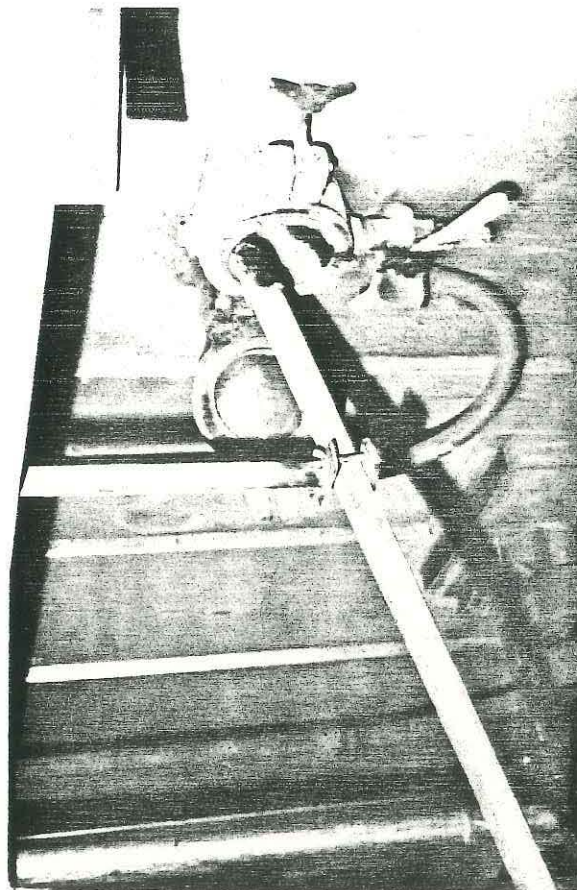
USGS topographic maps, 7.5 minute series Joliet,
Illinois; Elmwood, Illinois; Channahon, Illinois;
and Plainfield, Illinois



BOILER CLEANING EQUIPMENT
10/27/80



BOILER CLEANING EQUIPMENT
10/27/80

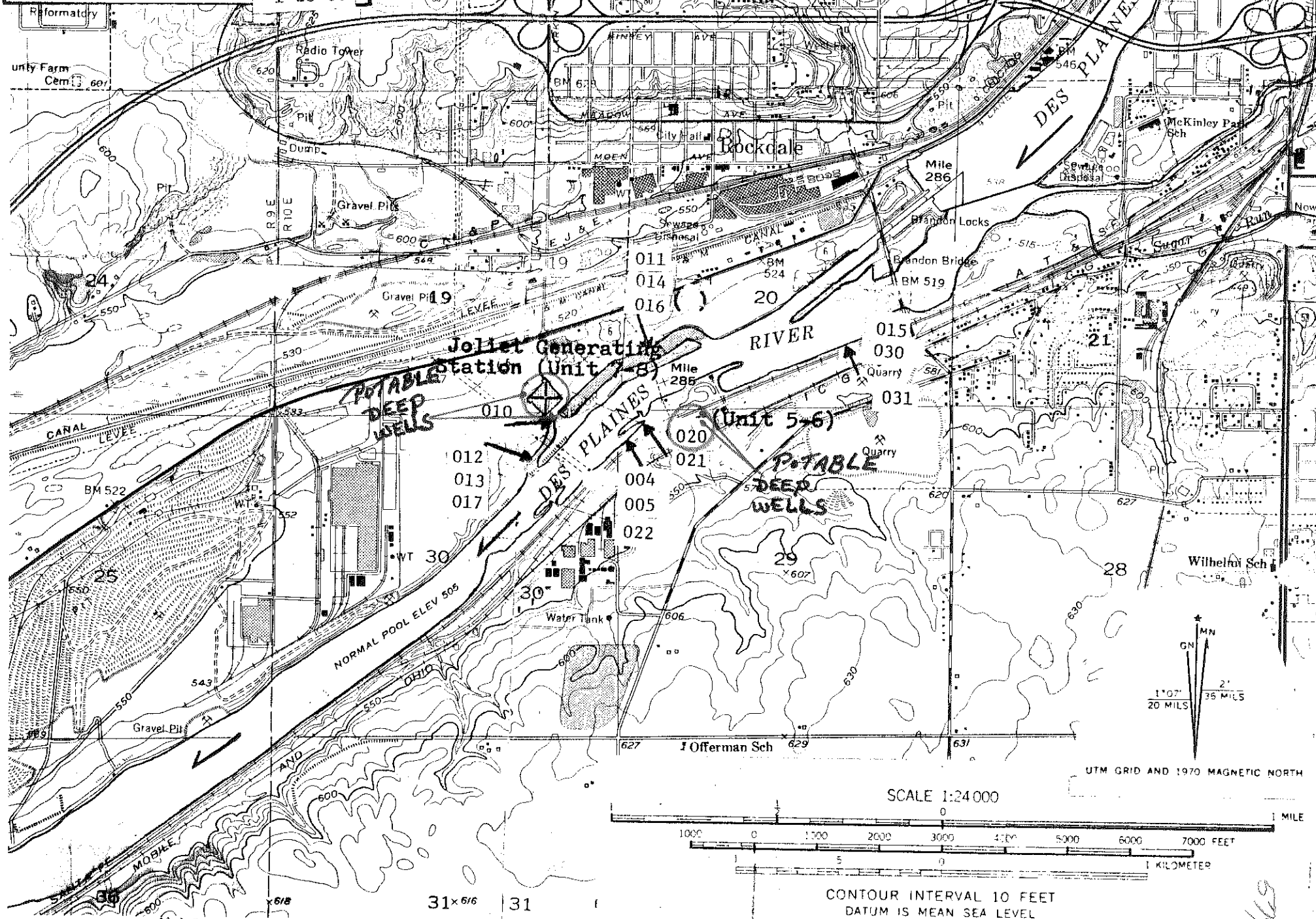


INJECTION POINT
10/27/80



INJECTION POINT
10/27/80

"Location Map"
Joliet Generating Station
Commonwealth Edison Company
1-28-80



**C.2 Compliance/
Enforcement**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

NOV 02 2009

REPLY TO THE ATTENTION OF:

MEMORANDUM

SUBJECT: Duty to Preserve Information "Litigation Hold" Related to Alleged Violations of the Clean Air Act by Midwest Generation LLC

FROM: *Berttram Frey*
Berttram Frey
Deputy Regional Counsel

TO: ORC and ARD
Lynn Calvin, Records Officer, Region 5
Carl Stimson, Records Officer, ORC/Region 5
Suzanne Martin, Records Officer, ARD/Region 5
Angela Brown, PCDOC, ORC/Region 5

Introduction

As discussed more fully below, you are hereby notified that under federal law you have an obligation to take necessary measures to preserve all potentially relevant information, including electronically stored information (ESI) related to alleged violations of the Clean Air Act (CAA or Act) by Midwest Generation LLC (MWG) (the "Defendant"). Your duty, the types of information, and the topics of information that must be preserved are discussed below in detail. If you have any questions regarding this Memorandum or if you feel another employee may have potentially relevant information to which this Memorandum was not directed, please immediately contact Susan Tennenbaum at (312) 886-0273 or Charles Mikalian at (312) 886-2242. You are instructed to preserve all potentially relevant information until further notice.

Background

Region 5 of the U.S. Environmental Protection Agency (EPA) referred to the Department of Justice a request to commence a civil action against Commonwealth Edison and MWG for various alleged violations of the CAA. The referral cites violations of the requirements of the Prevention of Significant Deterioration (PSD) program, the New Source Performance Standards (NSPS) for Electric Utility Steam Generating Units, the Illinois State Implementation Plan's standards for visible emissions (opacity) and particulate matter emissions, and Title V of the CAA. These alleged violations occurred at the following six coal-fired power plants located in the

State of Illinois: Crawford Station in Chicago; Fisk Station in Chicago; Joliet Station in Joliet; Will County Station in Romeoville; Powerton Station in Pekin; and Waukegan Station in Waukegan, Illinois (collectively the "Plants"). On March 10, 2008, a litigation hold was issued to various recipients of ORC and ARD who had reason to come into contact with information that was potentially relevant to EPA's anticipated claims. On August 27, 2009, the United States filed a complaint against MWG for CAA violations at the aforementioned six Plants, all of which were previously owned by Commonwealth Edison. We are now reissuing the litigation hold, the scope of which is unchanged, to a larger group, as more people may have since come in contact with this information, and also as a reminder of the 2008 hold.

Duty to Preserve Relevant Information -- Generally

The courts have recognized that parties have a duty to preserve relevant information when they reasonably anticipate litigation. This means that a party anticipating litigation must suspend the routine destruction of potentially relevant information and put in place a "litigation hold" to ensure the preservation of potentially relevant documents. Prior to filing the complaint, the Department of Justice directed Region 5 to put in place a "litigation hold" on information potentially relevant to the matter. See attached letter. This Memorandum details the types of information that must be preserved (including, as discussed further below, electronically stored information), the topics of potentially relevant information that must be preserved, and your duty to take all necessary measures to preserve that information.

Your Duty to Preserve Relevant Information

You personally must take the necessary measures to preserve the types and topics of information discussed below to which you have access, possession, or control. You must preserve this information even if it ordinarily could be or would be destroyed, deleted, or overwritten. If information subject to this directive is destroyed, a federal court may impose sanctions, including but not limited to monetary sanctions, adverse inferences against the EPA, exclusion of evidence, and/or dismissal of the case.

Types of Information that Must be Preserved

The types of information to be preserved in this "litigation hold" include all electronically stored information (ESI), documents, records, data, correspondence, notes and other materials, memoranda, printed e-mails, photographs, maps, diagrams, letters, databases, spreadsheets, presentation materials, notes, recordings, data, microfilm, and microfiche, whether or original or duplicative, drafts or final versions, partial or complete versions. The types of information to be preserved is not limited to federal records or official government files, but includes personal files, including notebooks, calendars, and day planners.

ESI includes any type of information that is stored in an electronic form and includes e-mails, web pages, word processing files, spreadsheets, PowerPoint presentations, audio and video files, databases, and voice mail, metadata, etc. ESI may be stored in the memory of computers, magnetic disks (such as computer hard drives and floppy disks), optical disks (such as DVDs and CDs), flash memory (such as "thumb" or "flash" drives), and may include ESI located on network drives (including F, G, and H drives), your work desktops, laptops, home computers, and PDAs.

The preservation must occur regardless of whether a court may ultimately conclude that the information may be withheld as privileged, or information may be unreasonably burdensome to produce. Privileged information must be preserved so that a court can ultimately determine whether the privilege applies.

Topics of Information that Must be Preserved

Below is a list of the topics of potentially relevant information you must preserve. In litigation, the Department of Justice may contend that a few of these topics – such as the below listed the Memorandum of Understanding and Subpart F – are not relevant defenses to any of the referred violations of the Act. Nonetheless, the Department of Justice has included these topics out of an abundance of caution because the Defendants have already raised them as defenses in the settlement negotiations.

- (1) Any information from 2002 forward regarding the Defendant's compliance at the Plants with the opacity and particulate matter emission limits in the Illinois State Implementation Plan, including: (a) Any Excess Emission Reports and (b) any other documents (emails, facsimiles, etc.) regarding compliance with opacity or particulate matter requirements;
- (2) Any information such as policies, guidance documents, applicability determinations that interpret or apply the opacity and particulate matter limits in the Illinois SIP that the Defendant is alleged to have violated;
- (3) Any information regarding the Defendant's compliance at the Plants with PSD, from 1990 forward;
- (4) Any documents regarding the Defendant's compliance at the Plants with the NSPS, from 1990 forward;
- (5) The Title V operating permit information for the Defendant's Plants, including any information (emails, facsimiles, etc.) that EPA sent to, or received from, the Defendant regarding compliance with Title V;
- (6) Any information regarding the petitions challenging EPA's refusal to object to MWG's Title V permits for the Plants, including without limitation, any emails, facsimile documents, memoranda, pleadings;

- (7) Any CAA inspection report information for the Plants, from 1990 forward;
- (8) Any information that reflect the activities of the Defendant (or any of its contractors) at the Plants, from 1990 forward;
- (9) Any information reflecting investigations of the Plants for CAA violations, from 1990 forward;
- (10) Any correspondence information with any person regarding the Defendant's compliance with the Act at the Plants, from 1990 forward;
- (11) Any information sent to, or received from, the Defendant pursuant to the Agency's authority under Section 114 of the Act;
- (12) Any information showing deliberations leading to any agency decision relating to the litigation against the Defendant, including the decision to file this enforcement action, decisions concerning applicability of relevant CAA provisions to the Plants, or concerning necessary injunctive relief or assessment of a civil penalty;
- (13) Any information relating to settlement discussions with the Defendant;
- (14) Any information regarding the December 10, 2006 Memorandum of Understanding ("MOU") between MWG and the Illinois Environmental Protection Agency ("IEPA"), including any information (emails, facsimiles, etc.) that IEPA sent to, or received from, the Defendant regarding the MOU; and
- (15) Any information regarding the EPA's review of the Combined Pollutant Standard ("CPS"), Illinois Administrative Code, Section 225, Subpart F ("Subpart F") for possible inclusion in the Illinois SIP, including any information from the rulemaking to propose approval or disapproval of Subpart F in the Illinois SIP.

What you Need to Do

It is your responsibility to ensure the preservation of any information in the above detailed relevant topics of information and types of types of information ("relevant information") to which you have access, possession, or control. You must preserve this information even if it ordinarily could be or would be destroyed, deleted, or overwritten. At a minimum, you must take the following steps with respect to the above-described information.

- (1) Refrain from deleting, throwing out, shredding or otherwise destroying relevant information;
- (2) Preserve and maintain all relevant information, including, but not limited to: word processing documents, spreadsheets, incoming and outgoing e-mails, web

pages, power point presentations and data in databases, including metadata retained within the ESI;

(3) Take affirmative steps to prevent the destruction of any relevant information, including but not limited to information that has previously been transferred to a Federal Records Center or any other location;

(4) Refrain from transferring any relevant information to a Federal Records Center or any other location unless Ms Tennenbaum or Mr. Mikalian agrees that the information: (a) will be adequately preserved after being transferred; and (b) is not needed in its present location for purposes of the litigation or potential litigation;

(5) Before any computer or electronic system is retired or upgraded, contact your PC Division Office Coordinator (PCDOC) so that he or she can ensure that we retain access to the relevant information after the upgrade;

(6) Contact Ms. Tennenbaum or Mr. Mikalian if there are any staffing changes in your Division, Branch or Section, such as the retirement, resignation, reassignment or death of people who have relevant information that must be preserved under this litigation hold or new or additional people working on matters that may have newly acquired relevant information;

(7) Treat non-identical copies as if they were unique. Thus, if you have two copies of a Word document, one with tracked changes and one without, each is a separate piece of information that must be preserved;

(8) If you believe that relevant ESI has been recently deleted, please contact Ms. Tennenbaum or Mr. Mikalian immediately, so that EPA can attempt to recover such ESI.

Conclusion

In the future you may receive further direction that widens or narrows the scope of relevant information that must be preserved. You are instructed to preserve all potentially relevant information until further notice. Please also be aware that under Rule 26(a) of the Federal Rules of Civil Procedure, the EPA will have a limited time in which to gather and categorize all relevant information, and provide that information to the Defendant.

JUN 07 1999

DE-9J

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Ms. Elsie Briette
Compliance Specialist
Commonwealth Edison Company
1800 Channahon Road
Joliet, Illinois 00436

Re: RCRA Compliance Inspection
Commonwealth Edison Company,
Joliet Station 9
EPA ID No.: ILD 000 80 3650

Dear Ms. Briette:

On May 5, 1999, Commonwealth Edison Company, Joliet Station 9 was inspected by United States Environmental Protection Agency (U.S. EPA). This inspection evaluated compliance with requirements of the Resource Conservation and Recovery Act (RCRA); specifically, those regulations related to the potential storage of hazardous waste in drums at the coal pile and an orange colored discharge spotted nearby.

U.S. EPA's inspection detected no violations of RCRA requirements under examination during this inspection. However, this determination does not limit the applicability of other RCRA regulations that were not discussed during the site visit.

Your installation will continue to be evaluated by U.S. EPA for compliance with RCRA requirements on a periodic basis. I have enclosed a copy of the report from this inspection and small business information sheet which may be helpful to you.

If you have any questions and/or concerns regarding this matter, please contact Patrick Kuefler of my staff at (312) 353-6268.

Sincerely yours,

Lorna M. Jereza, P.E., Chief
Illinois/Indiana Section
Enforcement and Compliance Assurance Branch

Enclosure

cc: Todd Marvel, IEPA

bcc: Author's copy
Section's copy
Branch copy

DE-9J/PK:be/6/3/99/filename:rtc.wpd

ENFORCEMENT AND COMPLIANCE ASSURANCE BRANCH

| SECRETARY | SECRETARY | SECRETARY | SECRETARY | SECRETARY | SECRETARY |
|-------------------|-------------------------------|--|--|-------------------------|------------------------------|
| <i>PK 6/3/99</i> | | | | | |
| AUTHOR/
TYPIST | MINN/OHIO
SECTION
CHIEF | MICHIGAN/
WISCONSIN
SECTION
CHIEF | ILLINOIS/
INDIANA
SECTION
CHIEF | ECAB
BRANCH
CHIEF | WPTD
DIVISION
DIRECTOR |
| <i>PK 6/3/99</i> | | | <i>WJ 6/4/99</i> | | |

INSPECTION REPORT
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION 5

Purpose: Flyover Inspection Follow-up

Facility: Commonwealth Edison Company
Joliet Station 9 and 29
1601 S. Patterson Road or 1800 Channahon Road
Joliet, IL 60436

Facility ID Number: ILD 000803650

Date of Inspection: May 5, 1999

EPA Representative: Patrick F. Kuefler
312/353-6268

Facility Contacts: Elsie Briette
Compliance Specialist
815/741-9000 ext.2289

Report by: Patrick F. Kuefler

Focused Multimedia Inspection

Introduction

On May 5, 1999 I conducted an inspection of Commonwealth Edison plant 9 and 29 located in Joliet Illinois. The facility is a generator of hazardous waste. The purpose of the inspection was to follow-up on potential violations of RCRA that were spotted during a flyover of the facility on April 13, 1999. During the flyover an orange colored discharge was spotted going near a coal pile. During the flyover, we also saw numerous 55-gallon drums stored at the facility coal pile which were in poor condition and appeared to contain waste.

I arrived at the facility at approximately 1:00 pm and met with Elsie Briette, Compliance Specialist (RCRA) and Bill Alltop (NPDES). We discussed the purpose of the visit and then went to the areas where the drums and discharge was spotted during the flyover. The drums were located and appeared to be either empty or to contain used oil which is used to control dust on the coal pile per their permit. (See attachment 1) Analysis from the latest sampling of the oil showed it to be on-specification used oil as required.

The orange discharge had dried up since the flyover but discolored material remained. According to Ms. Briette, the discharge was air heater washout water and sludge which had been placed within a temporary bermed area to dry prior to disposal as a solid waste at envirotech in Morris Illinois. The facility had done a waste determination and had registered the waste stream with IEPA as non-hazardous. A copy of a recent manifest and waste profile are provided as Attachments 2 and 3. Photos of the area are provided as Attachment 4.

Summary

No RCRA violations were identified during the inspection.

ILD000803650

Attachments:

- 1 Air Permit and oil analysis
- 2 Air heater clean-out manifest
- 3 Air heater clean-out waste profile
- 4 Inspection Photos

From: LAURA LODISIO
To: R5AIR.R5ARD.BARNETTE-JACK
Date: 6/2/99 9:02am
Subject: '99 Action Plan

Tack,

Here is this year's plan.

LLL

Page 4

- 17a. Waste oils fitting the following description and per letter dated May 18, 1992 from Mary K. O'Toole to Don Sutton may be burned in quantities not to exceed approximately 25,000 gallons per year at Joliet #9 generating station.
- i. Turbine oil
 - ii. Lubricating oil
- b. The waste oil shall be blended with coal either on the active coal pile, coal belts, coal silos, or injected into the boiler.
- c. The Permittee shall analyze a representative sample of waste oil to be burned for arsenic, cadmium, chromium lead, flash point, total halogens, sulfur, and BTU values. The analysis report shall be submitted to the Agency with permit renewal application based on yearly sampling.
- d. The Permittee shall keep records of the quantity and analyses of waste oil fuel burned for energy recovery for a period of three (3) years. These records shall be kept on site and shall be made available to Agency personnel on request during normal working and/or operating hours. The Permittee shall report to the Agency the annual quantity of waste oil fuel burned each year as part of the Annual Performance Report.
- e. The Permittee is allowed to burn above mentioned waste oil when the boiler is in normal mode of operation. Burning of waste oil is not allowed during startup, shutdown, malfunction or breakdown.
18. This permit allows the burning of Western coal and Petroleum Coke as described in your letter dated May 18, 1992. Stack test shall be required if the company switches to Western coal and Petroleum Coke use.

It should be noted that this permit is revised to incorporate test burns as indicated in your application.

Donald E. Sutton, me

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:SRS:mab/612M/sp/102-5

cc: Region 1
Fred Smith

Section D

AIR QUALITY GUIDANCE

D-17 Procedure for Burning Used Oil

A. Standards

1. Used oil which was generated on-site may be burned on-site by the fossil stations in utility boilers.
2. Prior to burning used oil, representative samples shall be collected and analyzed in accordance with Section 8 - Sampling Protocol, to determine whether the oil is considered "specification" or "off specification" used oil.
3. Burners of used oil that do not meet the specifications below shall notify ESD prior to commencing burning operations. ESD, Land Quality Group shall then prepare and submit the required notification to IEPA for the burning of "off specification" oil.

*Used oil exceeding any specification level is considered
off-specification used oil*

| Constituent/Property | Allowable Level |
|----------------------|-----------------|
| Arsenic | 5 ppm max |
| Cadmium | 2 ppm max |
| Chromium | 10 ppm max |
| Lead | 100 ppm max |
| Flash Point | 100° F min. |
| Total Halogens | 1,000 ppm max |

- a. The specification does not apply to used oil or fuel mixed with a hazardous waste.
- b. Used oil containing more than 1,000 ppm total halogens is presumed to be a hazardous waste. Such used oil must be managed as a hazardous waste and may not be burned in ComEd's utility boilers at this time.
4. Burners of used oil that do meet the specifications shall also notify ESD, Land Quality Group prior to burning to assure integrity and compliance with record-keeping requirements.

B. Sampling Protocol

1. Representative sample of the used oil to be burned must be analyzed prior to burning for the following parameters:

| | | | |
|----------------|--------------|-----------------|------------|
| Arsenic | 5 ppm Max | Flash Point | 140°F Min. |
| Cadmium | 2 ppm Max | Density | Info. Only |
| Chromium | 10 ppm Max | Sulfur | Info. Only |
| Lead | 100 ppm Max | BTU | Info. Only |
| Total Halogens | 1000 ppm Max | Bottom Sediment | Info. Only |
| PCB* | 2 ppm Max | | |

ANALYTICAL REPORT

Ms. Elsie Briette
COMMONWEALTH EDISON CO.
JOLIET 9 STATION
1601 South Patterson
Joliet, IL 60436

04/23/1999

Sample No. : 521187

NET Job No.: 99.03356

Sample Description: Composite Waste Oil Sample
Joliet Station #9

Date Taken:
Time Taken:

Date Received: 04/05/1999
Time Received: 17:05

| Analyte | Result | Flag | Units | Reporting Limit | Date Analyzed | Analyst Initials | Analytical Method |
|--------------------------------|----------|------|----------|-----------------|---------------|------------------|-------------------|
| BS & W | <1 | | % | 1 | 04/15/1999 | lmf | ASTM D96M |
| Flashpoint | >212 | | Degree F | 72 | 04/19/1999 | rjs | SW 1010 |
| Density, nonaqueous | 0.89 | | g/cc | N/A1 | 04/13/1999 | lmf | SM 2710F |
| Moisture, Karl Fischer | <0.01 | | % | | 04/13/1999 | jap | Karl Fischer |
| Arsenic, ICP | <10 | | mg/Kg | 10 | 04/21/1999 | kdw | SW 6010B |
| Cadmium, ICP | <0.50 | | mg/Kg | 0.50 | 04/19/1999 | jtt | SW 6010B |
| Chromium, ICP | <2.0 | | mg/Kg | 2.0 | 04/19/1999 | jtt | SW 6010B |
| Lead, ICP | <5.0 | | mg/Kg | 5.0 | 04/19/1999 | jtt | SW 6010B |
| Prep PCBs Oil | COMPLETE | | | | 04/08/1999 | jce | SW 3560A |
| PCBs 8082 Oil | | MX | | | | | |
| PCB 1014 | <50 | | mg/kg | 1.0 | 04/16/1999 | tlb | SW 8082 |
| PCB 1221 | <50 | | mg/kg | 1.0 | 04/16/1999 | tlb | SW 8082 |
| PCB 1212 | <50 | | mg/kg | 1.0 | 04/16/1999 | tlb | SW 8082 |
| PCB 1242 | <50 | | mg/kg | 1.0 | 04/16/1999 | tlb | SW 8082 |
| PCB 1248 | <50 | | mg/kg | 1.0 | 04/16/1999 | tlb | SW 8082 |
| PCB 1254 | <50 | | mg/kg | 1.0 | 04/16/1999 | tlb | SW 8082 |
| PCB 1260 | <50 | | mg/kg | 1.0 | 04/16/1999 | tlb | SW 8082 |
| Surr: Decachlorobiphenyl (DCB) | DILUTED | D | ug/L | 29-128 | 04/16/1999 | tlb | SW 8082 |
| Surr: Tetrachloroxylene (TCX) | DILUTED | D | ug/L | 31-128 | 04/16/1999 | tlb | SW 8082 |
| BTU | 19,740 | | /lb | 500 | 04/15/1999 | rjs | ASTM D240-76 |
| Sulfur, Total | <0.1 | | % | 0.1 | 04/20/1999 | rjs | ASTM D129-64 |
| TOX (Bomb) | <79 | | mg/Kg | 0.1 | 04/16/1999 | jap | ASTM D2361-66 |

D : Diluted out

MX : Dilution required due to sample matrix; analyte is not detected.



PLEASE TYPE

(Form designed for use on elite (12-pitch) typewriter.)

EPA Form 8700-22 (Rev. 6-89)

Form Approved. OMB No. 2050-0039. Expires 9-30-94

| | | | | | | | |
|--|--|--|--|---|--|--|--|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator's US EPA ID No.
ILD980999387 | | Manifest Document No.
38400 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law, but is required by Illinois law. | |
| 3. Generator's Name and Mailing Address
COMM ED-JOLIET #3
PATTERSON RD W. OF BRAND
JOLIET, IL 60438- | | | | | Location If Different
ATTN: ELSIE BRIETTE
(815) 722-8900 | | |
| 4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* | | | | | A. Illinois Manifest Document Number
IL6238400 FEE PAID IF APPLICABLE | | |
| 5. Transporter 1 Company Name
SET ENVIRONMENTAL, INC. | | | | | B. Illinois Generator's ID
1 9 7 0 4 5 5 0 1 7 | | |
| 6. US EPA ID Number
ILD981957236 | | | | | C. Illinois Transporter's ID
0 0 4 9 | | |
| 7. Transporter 2 Company Name | | | | | D. 708 537-9221 Transporter's Phone | | |
| 8. US EPA ID Number | | | | | E. Illinois Transporter's ID | | |
| 9. Designated Facility Name and Site Address
ENVIRONTECH., INC.
1800 ASHLEY ROAD
MORRIS, IL 60450 | | | | | F. () Transporter's Phone | | |
| 10. US EPA ID Number
N/A | | | | | G. Illinois Facility's ID
0 6 3 8 1 4 0 0 0 2 | | |
| H. Facility's Phone
815 942-1800 | | | | | | | |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | | | | 12. Containers
No. Type | 13. Total Quantity | 14. Unit Wt/Vol | L. Waste No. |
| a. NOT HAZARDOUS BY DOT | | | | | | | EPA HW Number
XX
Authorization Number
9 1 1 9 2 9 |
| b. | | | | | | | EPA HW Number
XX
Authorization Number |
| c. | | | | | | | EPA HW Number
XX
Authorization Number |
| d. | | | | | | | EPA HW Number
XX
Authorization Number |
| J. Additional Description for Materials Listed Above
11A. METAL CLEANING WASTE; #941929

CLASS A | | | | | K. Handling Codes for Wastes Listed Above
in Item #14
G = Gallons Y = Cubic Yards | | |
| 15. Special Handling Instructions and Additional Information
GENERATOR'S PHONE # (815) 722-8900 | | | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. | | | | | | | |
| Printed/Typed Name
JEFF JAWORSKI | | | | Signature
<i>Jeff Jaworski</i> | | Date
Month Day Year
060294 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | Printed/Typed Name
GORDON R BLUE | | Signature
<i>Gordon R Blue</i> | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | Printed/Typed Name | | Signature | |
| 19. Discrepancy Indication Space | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of materials covered by this manifest except as noted in item 19. | | | | Printed/Typed Name
B. Waldschmidt | | Signature
<i>B. Waldschmidt</i> | |
| | | | | | | Date
Month Day Year
060294 | |

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation. Falsification of this information may result in a fine up to \$50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

COPY 1. TSD MAIL TO GENERATOR

In case of a spill call the Illinois Office of Emergency Response at 217 / 782-7860 and the National Response Center at 800 / 424-8802 or 202 / 426-2675.



PLEASE TYPE

(Form designed for use on elite (12-pitch) typewriter.)

EPA Form 8700-22 (Rev. 6-89)

Form Approved. OMB No. 2050-0039, Expires 9-30-94

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|--|--|--|--------------------------------|---|--|
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COMM ED-JOLIET #9
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JOLIET, IL 60436- | | Location If Different
ATTN: ELSE BRIETTE
(815) 722-8900 | | A. Illinois Manifest Document Number
IL6238400
FEE PAID IF APPLICABLE | |
| 4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* | | 6. US EPA ID Number
ILD981957236 | | B. Illinois Generator's ID
1970455017 | |
| 5. Transporter 1 Company Name
SET ENVIRONMENTAL, INC. | | 8. US EPA ID Number | | C. Illinois Transporter's ID
0049 | |
| 7. Transporter 2 Company Name | | 10. US EPA ID Number | | D. 708-537-9221
Transporter's Phone | |
| 9. Designated Facility Name and Site Address
ENVIRONTECH., INC.
1800 ASHLEY ROAD
MORRIS, IL 60450 | | 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | | E. Illinois Transporter's ID | |
| | | 12. Containers
No. Type | | F. ()
Transporter's Phone | |
| | | 13. Total Quantity | | G. Illinois Facility's ID
0638140002 | |
| | | 14. Unit
Wt/Vol | | H. Facility's Phone
815 942-1800 | |
| a. NOT HAZARDOUS BY DOT | | 001 CM 000.16 Y | | Waste No.
EPA HW Number
XX
Authorization Number
911929 | |
| b. | | | | EPA HW Number
XX
Authorization Number | |
| c. | | | | EPA HW Number
XX
Authorization Number | |
| d. | | | | EPA HW Number
XX
Authorization Number | |
| J. Additional Description for Materials Listed Above
11A. METAL CLEANING WASTE; #941929
CLASS A | | K. Handling Codes for Wastes Listed Above
In Item #14
G = Gallons Y = Cubic Yards | | | |
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If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. | | | | | |
| Printed/Typed Name
JEFF JAWORSKI | | Signature
JJ Jaworski | | Date
Month Day Year
06 02 94 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Printed/Typed Name
GORDON R BLUE | | Signature
G R Blue | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Printed/Typed Name | | Signature | |
| 19. Discrepancy Indication Space | | 20. Facility Owner or Operator: Certification of receipt of materials covered by this manifest except as noted in item 19. | | | |
| Printed/Typed Name
B. Waldschmidt | | Signature
B. Waldschmidt | | Date
Month Day Year
06 02 94 | |

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Form Approved, OMB No. 2050-0039, Expires 9-30-94

| | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|---|--|--|--|-----------------|--|--|--|------------------------------------|--|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator's US EPA ID No.
ILD980999387 | | Manifest Document No.
38400 | | 2. Page 1 of 1 | | Information in the shaded areas is not required by Federal law, but is required by Illinois law. | | | | | | | |
| 3. Generator's Name and Mailing Address
COMM ED JOLIET #3
PATTERSON RD W. OF BRAND
JOLIET, IL 60436- | | | | Location if Different
ATTN: ELSIE BRIETTE
(815) 722-8900 | | A. Illinois Manifest Document Number
IL6238400 FEE PAID IF APPLICABLE | | | | | | | | | |
| 4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* | | | | 6. US EPA ID Number
ILD981957236 | | B. Illinois Generator's ID
1 9 7 0 4 5 5 0 1 7 | | | | | | | | | |
| 5. Transporter 1 Company Name
SET ENVIRONMENTAL, INC. | | | | 8. US EPA ID Number | | C. Illinois Transporter's ID
708 537-9221 Transporter's Phone | | | | | | | | | |
| 7. Transporter 2 Company Name | | | | 10. US EPA ID Number | | E. Illinois Transporter's ID
F. () Transporter's Phone | | | | | | | | | |
| 9. Designated Facility Name and Site Address
ENVIRONTECH., INC.
1800 ASHLEY ROAD
MORRIS, IL 60450 | | | | 10. US EPA ID Number
N/A | | G. Illinois Facility's ID
0 6 3 8 1 4 0 0 0 2
H. Facility's Phone
815 942-1800 | | | | | | | | | |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | | | | | | 12. Containers
No. Type | | 13. Total Quantity | | 14. Unit Wt/Vol | | 15. Waste No. | | | |
| a. NOT HAZARDOUS BY DOT | | | | | | 001 CM 00016 Y | | | | | | EPA HW Number
XX
Authorization Number
9 4 1 9 2 9 | | | |
| b. | | | | | | | | | | | | EPA HW Number
XX
Authorization Number | | | |
| c. | | | | | | | | | | | | EPA HW Number
XX
Authorization Number | | | |
| d. | | | | | | | | | | | | EPA HW Number
XX
Authorization Number | | | |
| J. Additional Description for Materials Listed Above
11A. METAL CLEANING WASTE; #941929
CLASS A | | | | | | K. Handling Codes for Wastes Listed Above
in Item #14
G = Gallons Y = Cubic Yards | | | | | | | | | |
| 15. Special Handling Instructions and Additional Information
GENERATOR'S PHONE # (815) 722-8900 | | | | | | | | | | | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. | | | | | | | | | | | | | | | |
| Printed/Typed Name
JEFF JAWORSKI | | | | | | Signature
JJ Jaworski | | | | | | Date
Month Day Year
06 02 94 | | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | Printed/Typed Name
GORDON R BLUE | | | | | | Signature
GR Blue | | Date
Month Day Year
06 02 94 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | Printed/Typed Name | | | | | | Signature | | Date
Month Day Year | |
| 19. Discrepancy Indication Space | | | | | | | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of materials covered by this manifest except as noted in item 19. | | | | | | | | | | | | Date
Month Day Year
06 02 94 | | | |
| Printed/Typed Name
B. Waldschmidt | | | | | | Signature
B. Waldschmidt | | | | | | Date
Month Day Year | | | |

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation. Falsification of this information may result in a fine up to \$50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

COPY 1. TSD MAIL TO GENERATOR

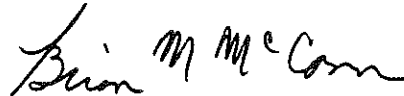
In case of a spill call the Illinois Office of Emergency Response at 217 / 782-7860 and the National Response Center at 800 / 424-8802 or 202 / 426-2675.

May 24, 1994

To: J. J. Kowalczyk
Subject: Joliet #9 Generating Station
Metal Cleaning Waste

Please find attached a copy of the permit to dispose of metal cleaning waste at Environtech through May 2, 1999. Please note all standard and special conditions. The original is being sent to Valuable Papers. Please keep this copy of the permit readily available for inspection by environmental agencies.

Should you have any questions, please contact Robert Phelan at G.O. extension 4457.



Brian M. McCann

RJP:BMM:bg
metal.let

cc: E. Briette
R. J. Phelan
Original to Valuable Papers
File: L-09-PER-N1



State of Illinois
ENVIRONMENTAL PROTECTION AGENCY

Mary A. Gade, Director

2200 Churchill Road, Springfield, IL 62794-9276

17/782-5752

MAY 3, 1994
APPLICATION RECEIVED: 03/17/94
PERMIT ISSUED TO:

WASTE STREAM/AUTHORIZATION NUMBER 941929
PERMIT EXPIRES: 05/02/99

ENVIRONTECH INC
1800 ASHLEY RD
MORRIS

IL
60450

ENVIRONTECH INC
1800 ASHLEY RD
MORRIS

IL
60450

WASTE NAME: METAL CLEANING WASTE
WASTE CLASS: 30 NON-HAZ NOT SUBJECT TO FEE

PERMIT TO RECEIVE THE INDICATED WASTE IS GRANTED.

RECEIVING FACILITY NAME: ENVIRONTECH INC
EPA FACILITY NO.: 0638140002

DISPOSITION OF WASTE: 25
BULK OR CONTAINERIZED MIXED WITH DAILY REFUSE

WASTE TREATMENT:

STORAGE:

ATTENTION: DAVE RUBNER
WASTE GENERATOR: COM ED ENVIRO AFFAIRS
P.O. BOX 767
CHICAGO

IL
60690

EPA GENERATOR NO.: 1970455017
COM ED JOLIET STATION 9
PATTERSON RD
JOLIET

IL
60433

THIS PERMIT IS GRANTED SUBJECT TO THE ATTACHED STANDARD CONDITIONS AND ANY SPECIAL CONDITIONS LISTED BELOW.

1. IN ISSUING PERMIT NO. 941929, THE AGENCY HAS RELIED ON A STATEMENT BY THE OPERATOR OF THIS FACILITY IN AN LPC-PA15 FORM RECEIVED 03/18/91 THAT A DEMONSTRATION SHALL BE MADE THAT A UNIT OR UNITS WITHIN THIS FACILITY EITHER EXIST OR WILL MEET THE STANDARDS DESCRIBED IN 35 ILL. ADM. CODE, PART 814, SUBPART C.

IN THE EVENT THAT SUCH A DEMONSTRATION IS NOT MADE, THE AGENCY MAY SEEK REVOCATION OF THIS PERMIT PURSUANT TO 35 ILL. ADM. CODE, SECTION 807.212 AND/OR INITIATE ENFORCEMENT ACTION. THE OBJECTIVES OF SUCH ENFORCEMENT ACTION MAY INCLUDE EXHUMATION OF ALL WASTE DISPOSED UNDER THIS PERMIT.

THE SPECIAL WASTE MAY ONLY BE DISPOSED IN UNITS WHICH MEET THE REQUIREMENTS OF 35 ILL. ADM. CODE PART 814.



State of Illinois

ENVIRONMENTAL PROTECTION AGENCY

Mary A. Gade, Director

2200 Churchill Road, Springfield, IL 62794-9276

PAGE: 2

MAY 13, 1994

WASTE STREAM/AUTHORIZATION NUMBER 941929

APPLICATION RECEIVED: 03/17/94

PERMIT EXPIRES 05/02/99

2. THIS WASTE STREAM MUST BE CONTAINERIZED OR SECURELY BAGGED PRIOR TO SHIPMENT AND DISPOSAL TO PREVENT THE DISPERSAL OF AIRBORNE PARTICLES

Edwin C. Bakowski

LAWRENCE W. EASTEP, P.E. *for JES*
MANAGER, PERMIT SECTION
DIVISION OF LAND POLLUTION CONTROL


FW: LJM
CC: COM ED ENVIRO AFFAIRS
REGION: MAYWOOD

Standard Conditions


The Illinois Environmental Protection Act (Illinois Revised Statutes, Chapter 111-1/2, Section 1039) grants the Environmental Protection Agency authority to impose conditions on permits which it issues.

1. There shall be no deviations from the approved specifications unless a written request for modification of the permit is submitted to the Agency and approved.
2. Waste described in this permit must be accompanied by a manifest when transported except where exempt.
3. This permit is issued subject to all other regulations applicable to the permittee herein.
4. Hazardous waste, upon disposal, is subject to a fee in an amount as specified in the Environmental Protection Act. If the permittee is disposing of hazardous waste, he shall comply with Ill. Rev. Stat., 1980, Sec. 1022.2(b), as amended from time to time, and with the procedures adopted by the Agency in furtherance of such statutory provision and as set forth in a document entitled "Procedures for Operation of a Hazardous Waste Disposal Fee System," as published in 4 Illinois Register 774 (September 12, 1980).
5. The permittee shall allow any agent duly authorized by the Agency upon presentation of credentials:
 - a. to enter at reasonable times, the permittee's premises where actual or potential effluent, emission or noise sources are located or where any activity is to be conducted pursuant to this permit.
 - b. to have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit.
 - c. to inspect at reasonable times, including during any hours of operation of equipment constructed or operated under this permit, such equipment or monitoring methodology or equipment required to be kept, used, operated, calibrated and maintained under this permit.
 - d. to obtain and remove at reasonable times samples of any discharge or emission of pollutants.
 - e. to enter at reasonable times and utilize any photographic, recording, testing, monitoring or other equipment for the purpose of preserving, testing, monitoring, or recording any activity, discharge, or emission authorized by this permit.
 - f. to enter or inspect at reasonable times, the permittee's premises for any other lawful purpose under the Environmental Protection Act.
6. Standard Condition No. 5 shall not constitute a waiver of any constitutional right of the permittee.
7. These standard conditions shall prevail unless modified by special conditions.
8. This Agency reserves the right to require installation of additional monitoring devices, to alter the selection of parameters to be analyzed and to alter monitoring frequencies as may be necessary to fulfill the intent of the Environmental Protection Act.
9. This permit may be modified or revised to make the permit compatible with applicable Amendments to the Illinois Environmental Protection Act, new or amended Illinois Pollution Control Board Rules and Regulations, Regulations promulgated by the United States Environmental Protection Agency pursuant to the Resource Conservation and Recovery Act of 1976, as amended (RCRA) or Amendments to RCRA. Such modification or revision shall become part of this permit on the effective date of the Rule, Regulation or Amendment. The Agency will notify the permittee of such modification or revision.


This standard condition shall not prejudice the permittee's right to obtain or be granted a reasonable time in which to comply, but in no event shall such time be later than any applicable Federal or State of Illinois statutory or regulatory compliance date, in connection with any modification or revision made pursuant thereto.
10. In accordance with Rule 302(A) of Illinois Pollution Control Board Rules and Regulations, Chapter 9: Special Waste Hauling Regulations (Chapter 9), the permittee shall not accept the special waste described herein for treatment, storage or disposal from any person unless that person has a valid special waste hauling permit issued by the Agency under Part II of Chapter 9, and concurrently presents to the permittee, or his agent, a completed, signed manifest as required by Part V of Chapter 9, which designates the permittee's facility as the destination for the special waste.

A wide-angle photograph showing a large, dark, cracked expanse of ground. The surface is covered with a thick layer of dark material, possibly ash or soil, which has cracked into irregular polygonal shapes. In the background, there are some green plants and a construction site with scaffolding and cranes.

1. Ground view of the orange colored discharge originally observed during the April, 1999 flyovers of the site. The material is said to be air heater wash ash.

A second wide-angle photograph of the same site, showing the cracked dark ground from a slightly different perspective. The background shows more of the construction site and some trees.

2. A second ground view of the orange colored discharge originally observed during the April, 1999 flyovers of the site.

A close-up photograph of a pile of orange-colored discharge material. The material is a mix of fine orange powder and larger, light-colored rocks or clumps. A person's leg in blue jeans and a brown boot is visible on the right side of the frame, standing on the dark ground next to the pile.

3. A close-up view of the orange colored discharge.

4. A close-up view of the orange colored discharge.



5. Overview of the orange colored discharge originally observed during the April, 1999 flyovers of the site.



6. Overview of the orange colored discharge drainage from the discharge area.



7. Used oil drums located at the coal pile.
Most the of the drums pictured are empty.



8. Close-up pf used oil drums located at
the coal pile. Most the of the drums
pictured are empty.



9. The red tank is the tank which was said
to be the source of air heater wash ash that
was discharged onto the coal pile.

